

Volume 39, Number 2
Pages 187-426
January 15, 2014

SALUS POPULI SUPREMA LEX ESTO

"The welfare of the people shall be the supreme law."



JASON KANDER
SECRETARY OF STATE

MISSOURI
REGISTER

The *Missouri Register* is an official publication of the state of Missouri, under the authority granted to the secretary of state by sections 536.015, RSMo Supp. 2013 and 536.033, RSMo 2000. Reproduction of rules is allowed; however, no reproduction shall bear the name *Missouri Register* or "official" without the express permission of the secretary of state.

The *Missouri Register* is published semi-monthly by

SECRETARY OF STATE

JASON KANDER

Administrative Rules Division

James C. Kirkpatrick State Information Center

600 W. Main

Jefferson City, MO 65101

(573) 751-4015

DIRECTOR

WAYLENE W. HILES

•

MANAGING EDITOR

CURTIS W. TREAT

•

EDITOR

ABBIE RIMEL

•

ASSOCIATE EDITOR

AMANDA MCKAY

•

ASSISTANT EDITOR

RITA HORSTMAN

•

PUBLICATION TECHNICIAN

JACQUELINE D. WHITE

•

ADMINISTRATIVE ASSISTANT

ALISHA DUDENHOEFFER

ISSN 0149-2942, USPS 320-630; periodical postage paid at Jefferson City, MO

Subscription fee: \$56.00 per year

POSTMASTER: Send change of address notices and undelivered copies to:

MISSOURI REGISTER

Office of the Secretary of State

Administrative Rules Division

PO Box 1767

Jefferson City, MO 65102

The *Missouri Register* and *Code of State Regulations* (CSR) are now available on the Internet. The Register address is <http://www.sos.mo.gov/adrules/moreg/moreg.asp> and the CSR is <http://www.sos.mo.gov/adrules/csr/csr.asp>. These websites contain rulemakings and regulations as they appear in the Registers and CSR. These websites do not contain the official copies of the Registers and CSR. The official copies remain the paper copies published by the Office of the Secretary of State pursuant to sections 536.015 and 536.031, RSMo Supp. 2013. While every attempt has been made to ensure accuracy and reliability, the Registers and CSR are presented, to the greatest extent practicable as they appear in the official publications. The Administrative Rules Division may be contacted by email at rules@sos.mo.gov.

The secretary of state's office makes every effort to provide program accessibility to all citizens without regard to disability. If you desire this publication in alternate form because of a disability, please contact the Division of Administrative Rules, PO Box 1767, Jefferson City, MO 65102, (573) 751-4015. Hearing impaired citizens should contact the director through Missouri relay, (800) 735-2966.



IN THIS ISSUE:

PROPOSED RULES

| | |
|---|-----|
| Department of Elementary and Secondary Education | |
| Division of Learning Services | 191 |
| Department of Public Safety | |
| Missouri Gaming Commission | 192 |
| Department of Social Services | |
| Children's Division | 206 |
| Missouri Medicaid Audit and Compliance | 235 |
| MO HealthNet Division | 245 |
| Elected Officials | |
| Secretary of State | 249 |

ORDERS OF RULEMAKING

| | |
|---|-----|
| Department of Agriculture | |
| State Milk Board | 253 |
| Department of Conservation | |
| Conservation Commission | 253 |
| Department of Labor and Industrial Relations | |
| Division of Employment Security | 258 |
| Department of Natural Resources | |
| Clean Water Commission | 259 |
| Department of Social Services | |
| Family Support Division | 398 |
| Elected Officials | |
| Secretary of State | 398 |
| Department of Health and Senior Services | |
| State Public Health Laboratory | 399 |

Department of Insurance, Financial Institutions and Professional Registration

| | |
|---|-----|
| Life, Annuities and Health | 399 |
| Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Landscape Architects | 400 |
| Board of Cosmetology and Barber Examiners | 400 |
| Board of Examiners for Hearing Instrument Specialists | 401 |
| State Board of Nursing | 401 |
| Division of Professional Registration | 402 |

IN ADDITIONS

| | |
|-----------------------------------|-----|
| Department of Conservation | |
| Conservation Commission | 403 |

DISSOLUTIONS 404

SOURCE GUIDES

| | |
|--|-----|
| RULE CHANGES SINCE UPDATE | 408 |
| EMERGENCY RULES IN EFFECT | 414 |
| EXECUTIVE ORDERS | 417 |
| REGISTER INDEX | 418 |

| Register Filing Deadlines | Register Publication Date | Code Publication Date | Code Effective Date |
|---|---------------------------------------|--|--|
| September 3, 2013 September 16, 2013 | October 1, 2013 October 15, 2013 | October 31, 2013 October 31, 2013 | November 30, 2013 November 30, 2013 |
| October 1, 2013 October 15, 2013 | November 1, 2013 November 15, 2013 | November 30, 2013 November 30, 2013 | December 30, 2013 December 30, 2013 |
| November 1, 2013 November 15, 2013 | December 2, 2013 December 16, 2013 | December 31, 2013 December 31, 2013 | January 30, 2014 January 30, 2014 |
| December 2, 2013 December 16, 2013 | January 2, 2014 January 15, 2014 | January 29, 2014 January 29, 2014 | February 28, 2014 February 28, 2014 |
| January 2, 2014 January 15, 2014 | February 3, 2014 February 18, 2014 | February 28, 2014 February 28, 2014 | March 30, 2014 March 30, 2014 |
| February 3, 2014 February 18, 2014 | March 3, 2014 March 17, 2014 | March 31, 2014 March 31, 2014 | April 30, 2014 April 30, 2014 |
| March 3, 2014 March 17, 2014 | April 1, 2014 April 15, 2014 | April 30, 2014 April 30, 2014 | May 30, 2014 May 30, 2014 |
| April 1, 2014 April 15, 2014 | May 1, 2014 May 15, 2014 | May 31, 2014 May 31, 2014 | June 30, 2014 June 30, 2014 |
| May 1, 2014 May 15, 2014 | June 2, 2014 June 16, 2014 | June 30, 2014 June 30, 2014 | July 30, 2014 July 30, 2014 |

Documents will be accepted for filing on all regular workdays from 8:00 a.m. until 5:00 p.m. We encourage early filings to facilitate the timely publication of the *Missouri Register*. Orders of Rulemaking appearing in the *Missouri Register* will be published in the *Code of State Regulations* and become effective as listed in the chart above. Advance notice of large volume filings will facilitate their timely publication. We reserve the right to change the schedule due to special circumstances. Please check the latest publication to verify that no changes have been made in this schedule. To review the entire year's schedule, please check out the website at <http://www.sos.mo.gov/adrules/pubsched.asp>

Missouri Participating Libraries

The *Missouri Register* and the *Code of State Regulations*, as required by the Missouri Documents Law (section 181.100, RSMo Supp. 2013), are available in the listed participating libraries, as selected by the Missouri State Library:

| | | | |
|---|---|---|---|
| Jefferson County Library PO Box 1486, 3021 High Ridge High Ridge, MO 63049-1486 (314) 677-8689 | Learning Resources Center Mineral Area College PO Box 1000 Park Hills, MO 63601-1000 (573) 431-4593 | Hearnes Learning Resources Ctr. Missouri Western State University 4525 Downs Drive St. Joseph, MO 64507-2294 (816) 271-5802 | Library Missouri University of Science and Technology 1870 Miner Circle Rolla, MO 65409-0060 (573) 341-4007 |
| Jefferson College Library 1000 Viking Drive Hillsboro, MO 63050-2441 (314) 789-3951 ext. 160 | Cape Girardeau Public Library 711 N. Clark Cape Girardeau, MO 63701-4400 (573) 334-5279 | Library North Central Missouri College PO Box 111, 1301 Main Street Trenton, MO 64683-0107 (660) 359-3948 ext. 325 | Lebanon-Laclede County Library 915 S. Jefferson Ave. Lebanon, MO 65536-3017 (417) 532-2148 |
| St. Louis Public Library 1301 Olive St. St. Louis, MO 63103-2389 (314) 539-0376 | Kent Library Southeast Missouri State University One University Plaza Cape Girardeau, MO 63701-4799 (573) 651-2757 | Spiva Library Missouri Southern State University 3950 East Newman Road Joplin, MO 64801-1595 (417) 625-9342 | University Library Southwest Baptist University 1600 University Ave. Bolivar, MO 65613-2597 (417) 328-1631 |
| St. Louis University Law Library 3700 Lindell Blvd. St. Louis, MO 63108-3478 (314) 977-2742 | Riverside Regional Library PO Box 389, 1997 E. Jackson Blvd. Jackson, MO 63755-0389 (573) 243-8141 | Missouri State Library 600 West Main, PO Box 387 Jefferson City, MO 65102-0387 (573) 751-3615 | Barry-Lawrence Regional Library 213 6th St. Monett, MO 65708-2147 (417) 235-6646 |
| Eden/Webster Library Eden Theological Seminary/ Webster University 475 East Lockwood Ave. St. Louis, MO 63119-3192 (314) 961-2660 ext. 7812 | Rutland Library Three Rivers Community College 2080 Three Rivers Blvd. Poplar Bluff, MO 63901-2393 (573) 840-9656 | Missouri State Archives 600 West Main, PO Box 778 Jefferson City, MO 65102-0778 (573) 526-6711 | Lyons Memorial Library College of the Ozarks General Delivery Point Lookout, MO 65726-9999 (417) 334-6411 ext. 3551 |
| Thomas Jefferson Library University of Missouri-St. Louis 8001 Natural Bridge Road St. Louis, MO 63121-4499 (314) 516-5084 | James C. Kirkpatrick Library University of Central Missouri 142 Edwards Library Warrensburg, MO 64093-5020 (660) 543-4149 | Elmer Ellis Library University of Missouri-Columbia 106 B Ellis Library Columbia, MO 65211-5149 (573) 882-0748 | Garnett Library Missouri State University—West Plains 304 Cleveland West Plains, MO 65775-3414 (417) 255-7945 |
| Washington University Law Library Washington University Campus Box 1171, Mudd Bldg., One Brookings Dr. St. Louis, MO 63130-4899 (314) 935-6443 | Kansas City Public Library 14 West 10th Street Kansas City, MO 64105 (816) 701-3546 | Library State Historical Society of Missouri 1020 Lowry St. Columbia, MO 65211-7298 (573) 882-9369 | Springfield-Greene County Library 4653 S. Campbell Springfield, MO 65801-0760 (417) 874-8110 |
| St. Louis County Library 1640 S. Lindbergh Blvd. St. Louis, MO 63131-3598 (314) 994-3300 ext. 247 | Law Library University of Missouri-Kansas City 5100 Rockhill Road Kansas City, MO 64110-2499 (816) 235-2438 | Daniel Boone Regional Library PO Box 1267, 100 West Broadway Columbia, MO 65205-1267 (573) 443-3161 ext. 359 | Meyer Library Missouri State University PO Box 175, 901 S. National Springfield, MO 65804-0095 (417) 836-4533 |
| Library Maryville University 13550 Conway Road St. Louis, MO 63141-7232 (314) 529-9494 | Miller Nichols Library University of Missouri-Kansas City 5100 Rockhill Road Kansas City, MO 64110-2499 (816) 235-2438 | School of Law University of Missouri-Columbia 224 Hulston Hall Columbia, MO 65211-0001 (573) 882-1125 | |
| Pickler Memorial Library Truman State University 100 E. Normal Kirksville, MO 63501-4221 (660) 785-7416 | B.D. Owens Library Northwest Missouri State University 800 University Drive Maryville, MO 64468-6001 (660) 562-1841 | Smiley Memorial Library Central Methodist University 411 Central Methodist Square Fayette, MO 65248-1198 (660) 248-6279 | |
| | St. Joseph Public Library 927 Felix Street St. Joseph, MO 64501-2799 (816) 232-8151 | | |

HOW TO CITE RULES AND RSMo

RULES—Cite material in the *Missouri Register* by volume and page number, for example, Vol. 28, *Missouri Register*, page 27. The approved short form of citation is 28 MoReg 27.

The rules are codified in the *Code of State Regulations* in this system—

| Title | Code of State Regulations | Division | Chapter | Rule |
|------------|---------------------------|------------------|------------------------|-------------------------|
| 1 | CSR | 10- | 1. | 010 |
| Department | | Agency, Division | General area regulated | Specific area regulated |

They are properly cited by using the full citation , i.e., 1 CSR 10-1.010.

Each department of state government is assigned a title. Each agency or division within the department is assigned a division number. The agency then groups its rules into general subject matter areas called chapters and specific areas called rules. Within a rule, the first breakdown is called a section and is designated as (1). Subsection is (A) with further breakdown into paragraph 1., subparagraph A., part (I), subpart (a), item I. and subitem a.

RSMo—The most recent version of the statute containing the section number and the date.

Under this heading will appear the text of proposed rules and changes. The notice of proposed rulemaking is required to contain an explanation of any new rule or any change in an existing rule and the reasons therefor. This is set out in the Purpose section with each rule. Also required is a citation to the legal authority to make rules. This appears following the text of the rule, after the word "Authority."

Entirely new rules are printed without any special symbolology under the heading of proposed rule. If an existing rule is to be amended or rescinded, it will have a heading of proposed amendment or proposed rescission. Rules which are proposed to be amended will have new matter printed in boldface type and matter to be deleted placed in brackets.

An important function of the *Missouri Register* is to solicit and encourage public participation in the rulemaking process. The law provides that for every proposed rule, amendment, or rescission there must be a notice that anyone may comment on the proposed action. This comment may take different forms.

If an agency is required by statute to hold a public hearing before making any new rules, then a Notice of Public Hearing will appear following the text of the rule. Hearing dates must be at least thirty (30) days after publication of the notice in the *Missouri Register*. If no hearing is planned or required, the agency must give a Notice to Submit Comments. This allows anyone to file statements in support of or in opposition to the proposed action with the agency within a specified time, no less than thirty (30) days after publication of the notice in the *Missouri Register*.

An agency may hold a public hearing on a rule even though not required by law to hold one. If an agency allows comments to be received following the hearing date, the close of comments date will be used as the beginning day in the ninety- (90-) day-count necessary for the filing of the order of rulemaking.

If an agency decides to hold a public hearing after planning not to, it must withdraw the earlier notice and file a new notice of proposed rulemaking and schedule a hearing for a date not less than thirty (30) days from the date of publication of the new notice.

Proposed Amendment Text Reminder:

Boldface text indicates new matter.

[Bracketed text indicates matter being deleted.]

Title 5—DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION

Division 20—Division of Learning Services Chapter 400—Office of Educator Quality

PROPOSED RECISSION

5 CSR 20-400.120 Administrative Appeal Procedure for Applicants Denied Certification. The State Board of Education is authorized to grant certificates of license to teach in any of the public schools of the state and to establish requirements and qualifications for those certificates. This rule established a formal procedure of appeal for applicants denied certification.

PURPOSE: This rule is being rescinded due to the adoption of 5 CSR 20-400.125, Actions of the State Board of Education Relating to Applications for Educator Certificates.

AUTHORITY: sections 161.092 and 168.011, RSMo 1986 and

168.021, RSMo Supp. 1993. This rule previously filed as 5 CSR 80-800.020. Original rule filed June 3, 1976, effective Oct. 1, 1976. Amended: Filed Sept. 23, 1992, effective May 5, 1993. Moved to 5 CSR 20-400.120, effective Aug. 16, 2011. Rescinded: Filed Dec. 12, 2013.

PUBLIC COST: This proposed rescission will not cost the state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed rescission will not cost private entities more than five hundred dollars (\$500) in the aggregate.

*NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed rescission with the Department of Elementary and Secondary Education, General Counsel, PO Box 480, Jefferson City, MO 65102-0480 or by email at counsel@dese.mo.gov. To be considered, comments must be received within thirty (30) days after publication of this notice in the *Missouri Register*. No public hearing is scheduled.*

Title 5—DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION

Division 20—Division of Learning Services Chapter 400—Office of Educator Quality

PROPOSED RECISSION

5 CSR 20-400.130 Administrative Procedures for Recertifying Teachers Whose Certificates Have Been Revoked by the State Board of Education. The State Board of Education is authorized to grant certificates of license to teach in any of the public schools of the state and to establish requirements and qualifications for those certificates under the provisions of section 168.021.1, RSMo and cause the certificates to be revoked in a manner provided in section 168.071, RSMo. This rule established a procedure where teachers whose certificates have been revoked by the State Board of Education, in some instances, may be allowed at a later time to make application to the State Board of Education to be recertified.

PURPOSE: This rule is being rescinded due to the adoption of 5 CSR 20-400.125, Actions of the State Board of Education Relating to Applications for Educator Certificates.

AUTHORITY: sections 161.092, 168.011, 168.031, RSMo 1986, 168.021, RSMo Supp. 1990 and 168.071, RSMo Supp. 1993. This rule previously filed as 5 CSR 80-800.060. Original rule filed April 24, 1985, effective Sept. 3, 1985. Moved to 5 CSR 20-400.130, effective Aug. 16, 2011. Amended: Filed Dec. 12, 2013.

PUBLIC COST: This proposed rescission will not cost the state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed rescission will not cost private entities more than five hundred dollars (\$500) in the aggregate.

*NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed rescission with the Department of Elementary and Secondary Education, General Counsel, PO Box 480, Jefferson City, MO 65102-0480 or by email at counsel@dese.mo.gov. To be considered, comments must be received within thirty (30) days after publication of this notice in the *Missouri Register*. No public hearing is scheduled.*

**Title 5—DEPARTMENT OF ELEMENTARY AND
SECONDARY EDUCATION
Division 20—Division of Learning Services
Chapter 400—Office of Educator Quality**

PROPOSED RECISSION

5 CSR 20-400.140 Administrative Procedures for Applicants Whose Certificates Have Been Revoked by a Certifying Authority Other Than the State Board of Education. The State Board of Education is authorized to grant certificates of license to teach in any of the public schools of the state and to establish requirements and qualifications for those certificates under the provisions of section 168.021.1, RSMo and cause the certificates to be revoked in a manner provided in section 168.071, RSMo. This rule established a procedure for processing applications for a Missouri teaching certificate from applicants having had teaching certificates revoked by a certifying authority other than the State Board of Education or the certifying authority in another state or political subdivision.

PURPOSE: This rule is being rescinded due to the adoption of 5 CSR 20-400.125, *Actions of the State Board of Education Relating to Applications for Educator Certificates.*

AUTHORITY: sections 161.092, 168.011, 168.031, RSMo 1986, 168.021, RSMo Supp. 1990 and 168.071, RSMo Supp. 1993. This rule previously filed as 5 CSR 80-800.070. Original rule filed April 24, 1985, effective Sept. 3, 1985. Moved to 5 CSR 20-400.140, effective Aug. 16, 2011. Amended: Filed Dec. 12, 2013.

PUBLIC COST: This proposed rescission will not cost the state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed rescission will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed rescission with the Department of Elementary and Secondary Education, General Counsel, PO Box 480, Jefferson City, MO 65102-0480 or by email at counsel@dese.mo.gov. To be considered, comments must be received within thirty (30) days after publication of this notice in the *Missouri Register*. No public hearing is scheduled.

**Title 11—DEPARTMENT OF PUBLIC SAFETY
Division 45—Missouri Gaming Commission
Chapter 4—Licenses**

PROPOSED AMENDMENT

11 CSR 45-4.010 Types of Licenses. The commission is amending section (1).

PURPOSE: This amendment updates the types of licenses issued by the commission.

- (1) The types of licenses shall include:
- (A) Class A;
 - (B) Class B;
 - (C) **Supplier and temporary supplier;**
[(C)](D) Key [person/key person] business entity;
 - (E) **Key person; and**
[(D)](F) Occupational:
 - 1. Level I;
 - 2. Level II; [and]
 - 3. **Restricted Level II.**

[(E) *Supplier, temporary supplier and affiliate supplier.*]

AUTHORITY: section[s] 313.004, RSMo 2000, and section 313.807, RSMo Supp. 2013. Emergency rule filed Sept. 1, 1993, effective Sept. 20, 1993, expired Jan. 17, 1994. Emergency rule filed Jan. 5, 1994, effective Jan. 18, 1994, expired Jan. 30, 1994. Original rule filed Sept. 1, 1993, effective Jan. 31, 1994. Amended: Filed May 13, 1998, effective Oct. 30, 1998. Amended: Filed Dec. 3, 2007, effective May 30, 2008. Amended: Filed Dec. 5, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Missouri Gaming Commission, PO Box 1847, Jefferson City, MO 65102. To be considered, comments must be received within thirty (30) days after publication of this notice in the *Missouri Register*. A public hearing is scheduled for Wednesday, March 12, 2014, at 10:00 a.m., in the Missouri Gaming Commission's Hearing Room, 3417 Knipp Drive, Jefferson City, Missouri.

**Title 11—DEPARTMENT OF PUBLIC SAFETY
Division 45—Missouri Gaming Commission
Chapter 4—Licenses**

PROPOSED AMENDMENT

11 CSR 45-4.020 Licenses, Restrictions on Licenses, Licensing Authority of the Executive Director, and Other Definitions. The commission is amending sections (3) and (4), adding new sections (5)–(7) and (10), deleting sections (5), (6), and (9), and renumbering sections (7), (8), and (10).

PURPOSE: This amendment updates the list of Level I and Level II examples to more broadly reflect position titles for licenses issued by the commission, updates the terminology for “key business entity,” deletes “person” from key person business entity, and eliminates affiliate supplier license.

(3) A key person/key [person] business entity license shall include:

- (A) An officer, director, trustee, proprietor, managing agent, or general manager of an applicant or licensee, or of a key business entity [key person] of an applicant or licensee;

- (B) A holder of any direct or indirect legal or beneficial publicly traded or privately held interest whose combined direct, indirect, or attributed publicly traded interest is five percent (5%) or more or privately held interest is one percent (1%) or more in an applicant or licensee or in a key business entity [key person] of an applicant or licensee—

- 1. A holder of five percent (5%) or more publicly traded interest or one percent (1%) or more privately held interest, but not more than ten percent (10%) publicly traded or privately held interest, who holds such interest only for passive (“Not involving active participation; esp., of or relating to a business enterprise in which an investor does not have immediate control over the activity that produces income.” *Black’s Law Dictionary* Seventh Edition) investment purposes (including economic purposes) may be exempted from licensure by the executive director;

- 2. The commission by majority vote may grant exemption from licensure for holdings of up to twenty percent (20%);

- 3. Exemptions may be granted to institutional investors in

advance to hold interest in multiple licensees;

4. Exemptions shall be for two (2) years unless renewed;

5. Requests for exemption from licensure must be submitted on a Request of Waiver for Licensure of Institutional Investor form, which is available for public inspection at the offices of the commission and online at the commission's website (www.mgc.dps.mo.gov). Request forms shall be submitted in advance of acquiring such interest or within ten (10) days thereafter certifying under oath—

A. The interest is being acquired for passive investment purposes;

B. The holder does not nor will it have any involvement in the management activities of the entity;

C. The holder does not have any intention of controlling the entity regardless of additional stock that may be acquired;

D. The holder will within ten (10) days notify the commission of any purchase of stock in the entity which causes the total holding of the entity's outstanding stock to exceed the threshold for which the waiver is granted;

E. In the event the holder subsequently develops an intention of controlling or participating in the management of said entity, said holder shall notify the commission of said change and refrain from participating in management or exercising such control until approved for licensure by the commission;

F. The home and business address, occupation, employer, and title if the applicant is an individual; and

G. The type of entity (corporation, partnership, limited partnership, LLC, LLP, etc.), state of charter, and the names and both home and business address of the following personnel if the applicant is a business entity—

(I) Chief executive officer (CEO);

(II) Chief financial officer (CFO);

(III) Chief operating officer (COO);

(IV) Managing partner(s);

(V) General partner(s);

(VI) Members of the Board of Directors; and

(VII) The registered agent;

6. The executive director shall keep a record of all such exemptions granted and the positions held by each entity and shall present a written report on the same to the commission on a monthly basis; and

7. Nothing in this section including the granting of an exemption shall prohibit the commission, at a future date, in its sole discretion, with or without cause from requiring any owner of any interest in a licensee from becoming licensed by the commission or to divest itself of stock ownership;

(C) A holder of any direct or indirect legal or beneficial interest in an applicant or licensee or in a key business entity *[key person]* of an applicant or licensee if the interest was required to be issued under agreement with or authority of a government entity;

(4) Occupational license Level I is a person other than a key person/key *[person]* business entity who has management control or decision-making authority over the gaming operation, a key function of the gaming operation, or the development or oversight of the testing of gaming equipment or systems, including but not limited to:

[(A) Internal audit manager;]

[(B)](A) Director of casino operations;

[(C) Table games manager;]

[(D) Director of security;]

[(E) Contoller;]

[(F) IT manager;]

[(G) Surveillance manager;]

(B) Highest ranking table games department employee;

(C) Highest ranking security department employee;

(D) Highest ranking Management Information Systems (MIS) department employee;

(E) Highest ranking surveillance department employee;

[(H)](F) Assistant general manager;

[(I) Slot department manager;]

(G) Highest ranking slot department employee;

[(J)](H) Managers responsible for ensuring the integrity of all testing standards and certifications; [or]

(I) Highest ranking finance department employee; or

[(K)](J) Any other person directed by the commission to file a Level I application.

[(5) Occupational license Level II is any person not a key or Level I who has access to the gaming floor, or secured areas, as an employee of any Class A, Class B, or Supplier licensee, and any other person directed by the commission or the executive director to file a Level II application.

(6) Secured areas shall include any area or location where gaming functions may take place, be controlled, or affected. Secured areas shall also include any area so designated by the licensee's Internal Control System (ICS) or by the commission, including but not limited to:

(A) Security;

(B) Surveillance;

(C) Audit;

(D) Accounting;

(E) Management Information Systems (MIS);

(F) Cage;

(G) Ticketing;

(H) Hard and soft count;

(I) Marine operations; and

(J) Any other area designated by the commission; and also

(K) Licensees may in their ICS request authorization for certain Level I licensees, key person licensees and others escorted by security or the area supervisor, to have access to secured areas other than the surveillance area.]

(5) Each Class B licensee at a minimum shall individually staff the following Level I positions with employees of the Class B licensee, which shall not be combined with any other required position:

(A) General manager;

(B) Casino operations manager/director, or a table games department manager/director and a slot department manager/director;

(C) Security department manager/director;

(D) Finance department manager/director;

(E) MIS department manager/director; and

(F) Surveillance department manager/director.

(6) In the event that one of the positions required by section (5) becomes vacant, an interim replacement licensee shall be immediately appointed to serve. The interim appointee may be one of the current Level I licensees required by section (5). The permanent position shall be staffed within one hundred eighty (180) days, unless otherwise approved by the commission.

(7) Occupational License Level II includes any of the following positions that are not required to hold an Occupational License Level I:

(A) Any position within a Missouri riverboat gaming operation that would require the holder to have access to the excursion gambling boat or secured area to perform his or her function or duties; provided that agents and nongaming vendors are not considered within Occupational License Level I or II unless otherwise notified by the commission;

(B) Any position related to a Missouri riverboat gaming operation in one (1) of the following areas: security, surveillance, audit, accounting, MIS, cage, ticketing, hard and soft count, and marine operations;

(C) Any position with a licensed gaming supplier company that would require the holder to have access to the excursion gambling

boat to perform his or her function or duties if such function or duties involve installation, servicing, maintenance, repair or accessing secured or locked components of any gambling equipment or supplies, or involve verification or payment of patron awards; and

(D) Any other person or entity directed by the commission or the director to file a Level II application as an occupational licensee applicant.

[(7)](8) Supplier license is a license issued to a person or entity that—

(A) Manufactures, sells, or leases gaming equipment, gaming supplies, or both;

(B) Provides gaming equipment maintenance or repair; or

(C) Provides testing services on gaming related equipment, components, peripherals, systems, or other items directed by the commission to a Class A or Class B licensee, or the commission.

[(8)](9) Temporary supplier license is a license authorized by the commission until the appropriate license can be obtained.

[(9) *Affiliate supplier license is required of any person who is an affiliate of a Class A or Class B licensee or a key person/key person business entity of a Class A licensee and sells or leases gambling equipment, gambling supplies, or both to its Class B licensee affiliate. For purposes of 11 CSR 45-4.205, an "affiliate" of, or a person "affiliated" with, a specific person is a person that directly or indirectly, through one (1) or more intermediaries, controls, or is controlled by, or is under common control with, the person specified. The term "control" (including the terms "controlling," "controlled by," and "under common control with") means the possession, direct or indirect, of the power to direct or cause the direction of the management and policies of a person, whether through the ownership of voting shares, by contract, or otherwise.*]

(10) Restricted Level II license is issued to an occupational license Level II licensee under the age of twenty-one (21).

[(10)](11) [Upon the effective date of this rule,] After May 30, 2008, all existing Class A licenses shall be divided into a Class A license, which shall be the operating company and one (1) or more Class B license(s), which shall be the licensed riverboat gaming operation. Rules adopted prior to the adoption of this rule which previously referred to a Class A licensee shall refer to both Class A licensee and Class B licensee unless specifically identified otherwise.

AUTHORITY: section[s] 313.004, RSMo 2000, and section 313.807, RSMo Supp. 2013. Emergency rule filed Sept. 1, 1993, effective Sept. 20, 1993, expired Jan. 17, 1994. Emergency rule filed Jan. 5, 1994, effective Jan. 18, 1994, expired Jan. 30, 1994. Original rule filed Sept. 1, 1993, effective Jan. 31, 1994. For intervening history, please consult the *Code of State Regulations*. Amended: Filed Dec. 5, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will cost one (1) Level I licensee a one thousand one hundred-dollar (\$1,100) application and license fee the first year and a one hundred-dollar (\$100) renewal fee each following year.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Missouri Gaming Commission, PO Box 1847, Jefferson City, MO 65102. To be considered, com-

ments must be received within thirty (30) days after publication of this notice in the *Missouri Register*. A public hearing is scheduled for March 12, 2014, at 10:00 a.m., in the Missouri Gaming Commission's Hearing Room, 3417 Knipp Drive, Jefferson City, Missouri.

**PRIVATE ENTITY
FISCAL NOTE**

I. Department Title: 11—DEPARTMENT OF PUBLIC SAFETY

Division Title: 45—Missouri Gaming Commission

Chapter Title: 4—Licenses

**Rule Number and Title: 11 CSR 45-4.020 Licenses, Restrictions on Licenses, Licensing
Authority of the Executive Director, and Other Definitions**

Type of Rulemaking: PROPOSED AMENDMENT

II. SUMMARY OF FISCAL IMPACT

| Estimate of the number of entities by class which would likely be affected by the adoption of the rule: | Classification by type of the business entities which would likely be affected: | Estimate in the aggregate as to the cost of compliance with the rule by the affected entities: |
|---|---|--|
| One (1) Level I licensee | Occupational Level I licensees | \$1,100 one (1)-time fee + \$100 annually |

III. WORKSHEET

Application fee for one Level I license is \$1,000 plus \$100 for a new license with an annual renewal fee of \$100.

One Level I application and license fee = \$1,100 first year + \$100 each subsequent year

IV. ASSUMPTIONS

It is anticipated that one Class B licensee would have to submit a Level I license application for one employee. The cost for the application and license is \$1,100 for the first year, followed by an annual renewal cost of \$100.

The anticipated cost of the \$100 renewal fee will recur annually for the life of the rule.

Title 11—DEPARTMENT OF PUBLIC SAFETY
Division 45—Missouri Gaming Commission
Chapter 4—Licenses

PROPOSED AMENDMENT

11 CSR 45-4.030 Application for Class A or Class B License. The commission is amending sections (1) and (2).

PURPOSE: This amendment updates the terminology for “key business entity” and updates a form name.

(1) License application shall be made on a form obtained from the commission. Each Class A or Class B license applicant must submit the Riverboat Gaming Application Form for itself, a [key person/key person business entity] **Key Person and License Level I** [a] Application for each individual key person associated with the application and a [Riverboat Gaming] **Key Business Entity Riverboat** Application Form for each key business entity [key person] associated with the applicant. The applicant must also submit Personal Disclosure Form II for any other person or entity (other than occupational licensees) associated with the applicant in any way, who is required by the commission or the director to execute such forms, which forms shall become part of the Class A or Class B application along with the key person/key [person] business entity forms. A copy of all necessary forms is available for public inspection at the offices of the commission and online at the commission’s web site.

(2) For a Class A or Class B license an applicant must disclose on an application form obtained from the commission at a minimum—

(A) The applicant’s full name, telephone number and the type of organizational structure under which the organization operates, including, without limitation, whether the applicant is an operating company or a holding company, identification of key persons/key [person] business entities, including identification of chief administrative officers, the background and skills of applicant and key persons;

(D) Information on the ability of applicant and key persons/key [person] business entities to conduct gaming operations;

(K) Whether applicant or parent company, if applicant is a subsidiary, or any key person/key [person] business entity currently holds or has ever held a license or permit issued by a governmental authority to own or operate a gaming facility or conduct any aspect of gambling. If the applicant, parent company or key person/key [person] business entity has held or holds a license or permit, the following must be disclosed:

1. The identity of the license or permit holder;
2. The jurisdiction issuing the license or permit;
3. The nature of the license or permit; and
4. The dates of issuance and termination, if any;

AUTHORITY: sections 313.004 and 313.807, RSMo 2000, and section 313.805, RSMo Supp. [2010] 2013. Emergency rule filed Sept. 1, 1993, effective Sept. 20, 1993, expired Jan. 17, 1994. Emergency rule filed Jan. 5, 1994, effective Jan. 18, 1994, expired Jan. 30, 1994. Original rule filed Sept. 1, 1993, effective Jan. 31, 1994. For intervening history, please consult the *Code of State Regulations*. Amended: Filed Dec. 5, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Missouri Gaming Commission, PO Box 1847, Jefferson City, MO 65102. To be considered, comments must be received within thirty (30) days after publication of this notice in the *Missouri Register*. A public hearing is scheduled for Wednesday, March 12, 2014, at 10:00 a.m., in the Missouri Gaming Commission’s Hearing Room, 3417 Knipp Drive, Jefferson City, Missouri.

Title 11—DEPARTMENT OF PUBLIC SAFETY
Division 45—Missouri Gaming Commission
Chapter 4—Licenses

PROPOSED AMENDMENT

11 CSR 45-4.055 Application Period and Fees for Class A and Class B Licenses. The commission is amending section (1).

PURPOSE: This amendment updates the terminology for “key business entity.”

(1) The one (1)-time nonrefundable application fee for a Class A license shall be the greater of a) fifty thousand dollars (\$50,000) or b) fifteen thousand dollars (\$15,000) per key person/key [person] business entity not licensed as a key person/key [person] business entity or under investigation for a license as a key person/key [person] business entity at the time of application, or a greater amount as determined by the commission. The applicant or licensee shall be assessed fees, if any, to cover the additional costs of the investigation.

AUTHORITY: sections 313.004 and 313.812, RSMo 2000, and section 313.807, RSMo Supp. [2012] 2013. This rule originally filed as 11 CSR 45-4.050, renumbered as 11 CSR 45-4.055, effective May 30, 2008. Original rule filed Dec. 3, 2007, effective May 30, 2008. Amended: Filed Aug. 30, 2012, effective March 30, 2013. Amended: Filed Dec. 5, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Missouri Gaming Commission, PO Box 1847, Jefferson City, MO 65102. To be considered, comments must be received within thirty (30) days after publication of this notice in the *Missouri Register*. A public hearing is scheduled for Wednesday, March 12, 2014, at 10:00 a.m., in the Missouri Gaming Commission’s Hearing Room, 3417 Knipp Drive, Jefferson City, Missouri.

Title 11—DEPARTMENT OF PUBLIC SAFETY
Division 45—Missouri Gaming Commission
Chapter 4—Licenses

PROPOSED AMENDMENT

11 CSR 45-4.190 License Renewal and Continuing Suitability Requirement. The commission is amending the title and section (2).

PURPOSE: This amendment removes affiliate supplier from the list of licensees, and updates the terminology for “key business entity.”

(2) Class A, Class B, **and** supplier[, *and affiliate supplier*] licensees and the key person, key *[person]* business entity, and occupational licensees thereof shall have a continuing obligation to demonstrate suitability to hold a license by complying with all gaming laws and regulations. The commission may reopen the investigation of a licensee at any time. The licensee shall be assessed fees, if any, to cover the additional costs of the investigation.

AUTHORITY: section 313.004, RSMo 2000, and sections 313.800–313.850, RSMo 2000 and Supp. [2012] 2013. Emergency rule filed Sept. 1, 1993, effective Sept. 20, 1993, expired Jan. 17, 1994. Emergency rule filed Jan. 5, 1994, effective Jan. 18, 1994, expired Jan. 30, 1994. Original rule filed Sept. 1, 1993, effective Jan. 31, 1994. For intervening history, please consult the Code of State Regulations. Amended: Filed Dec. 5, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: *Anyone may file a statement in support of or in opposition to this proposed amendment with the Missouri Gaming Commission, PO Box 1847, Jefferson City, MO 65102. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. A public hearing is scheduled for Wednesday, March 12, 2014, at 10:00 a.m., in the Missouri Gaming Commission’s Hearing Room, 3417 Knipp Drive, Jefferson City, Missouri.*

**Title 11—DEPARTMENT OF PUBLIC SAFETY
Division 45—Missouri Gaming Commission
Chapter 4—Licenses**

PROPOSED AMENDMENT

11 CSR 45-4.200 Supplier’s License. The commission is amending sections (2), (3), and (4).

PURPOSE: This amendment updates the terminology for “key business entity.”

(2) An application for a supplier’s license shall be made on a form obtained from the commission. Each supplier license applicant must submit the Supplier’s License Application Form for itself, a key person/key *[person]* business entity and Level I application for each individual key person associated with the application and a Supplier’s License Application Form for each **key** business entity *[key person]* associated with the applicant. The applicant must also submit Personal Disclosure Form II for any other person or entity (other than occupational licensees) associated with the applicant in any way, who is required by the commission or the director to execute such forms, which forms shall become part of the supplier application along with the key person/key *[person]* business entity forms. A copy of all necessary forms is available for public inspection at the offices of the commission and online at the commission’s web site.

(3) Applications shall include:

(E) A key person/key *[person]* business entity and Level I application for each key person;

(K) If the applicant is an organization other than a corporation, the following information must be disclosed:

1. The applicant’s full name including any trade names or fictitious names currently in use by the applicant in Missouri or any other jurisdiction;

2. The jurisdiction in which the applicant is organized;

3. Copies of any written agreement, constitution, or other document creating or governing the applicant’s organization or powers of organization;

4. The date the applicant commenced doing business in Missouri.

A. If the applicant is organized under laws other than Missouri laws, a copy of the authorization of Missouri to do business in Missouri;

B. If no authorization to do business in Missouri has been obtained, the applicant must state the reason the authorization has not been obtained;

5. The applicant’s federal and state tax returns for the past five (5) years;

6. The general nature of the applicant’s business;

7. The names and addresses of each partner, officer, or other person having or sharing policy-making authority who is a key person. As to each such person, the applicant must disclose—the nature and extent of any ownership interest—

A. Ownership interest shall include any beneficial owner. Beneficial ownership includes, but is not limited to, record ownership and: 1) Stock or other ownership in one (1) or more entities in a chain of parent and subsidiary or affiliated entities, any one (1) of which participates in the capital or profits of a licensee, regardless of the percentage of ownership involved; or 2) Any interest which entitles a person to benefits substantially equivalent to ownership by reason of any contract, understanding, relationship, agreement, or other arrangement even though the person is not the record owner. Unless there are special circumstances, securities held by an individual’s spouse or relatives, including children, living in the home, who are beneficially owned by the individual; and

B. Any voting interest, whether absolute or contingent, and the terms upon which the interest may be voted; and

8. The names, in alphabetical order, and addresses of any individual or other entity *[who holds]* **holding** a record or beneficial ownership in the application. Beneficial ownership includes, but is not limited to, record ownership and: 1) Stock or other ownership in one (1) or more entities in a chain of parent and subsidiary or affiliated entities, any one (1) of which participates in the capital or profits of a licensee, regardless of the percentage of ownership involved; or 2) Any interest which entitles a person to benefits substantially equivalent to ownership by reason of any contract, understanding, relationship, agreement or other arrangement even though the person is not the record owner. Unless there are special circumstances, securities held by an individual’s spouse or relatives, including children, living in the home, who are beneficially owned by the individual. The following information shall be given concerning each individual:

A. The nature of the ownership interest;

B. Whether the ownership interest carries a vote and the terms upon which the interest may be voted; and

C. The percentage of ownership;

(M) Whether applicant or any key person/key *[person]* business entity currently holds, has ever held or applied for, a license or permit issued by a governmental authority to own or supply gaming equipment or operate a gaming facility or conduct any aspect of gambling. If the applicant has held or holds a license or permit, the applicant must disclose—

1. The identity of the license or permit holder;

2. The jurisdiction issuing the license or permit;

3. The nature of the license or permit; and

4. The dates of issuance and termination, if any;

(4) The applicant must disclose with respect to the applicant and all key persons/key *[person]* business entities—

AUTHORITY: section 313.004, RSMo 2000, and sections 313.805 and 313.810, RSMo Supp. [2010] 2013. Emergency rule filed Sept. 1, 1993, effective Sept. 20, 1993, expired Jan. 17, 1994. Emergency rule filed Jan. 5, 1994, effective Jan. 18, 1994, expired Jan. 30, 1994. Original rule filed Sept. 1, 1993, effective Jan. 31, 1994. For intervening history, please consult the *Code of State Regulations*. Amended: Filed Dec. 5, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Missouri Gaming Commission, PO Box 1847, Jefferson City, MO 65102. To be considered, comments must be received within thirty (30) days after publication of this notice in the *Missouri Register*. A public hearing is scheduled for Wednesday, March 12, 2014, at 10:00 a.m., in the Missouri Gaming Commission's Hearing Room, 3417 Knipp Drive, Jefferson City, Missouri.

Title 11—DEPARTMENT OF PUBLIC SAFETY

Division 45—Missouri Gaming Commission

Chapter 4—Licenses

PROPOSED RESCISSION

11 CSR 45-4.205 Affiliate Supplier's License. This rule established an affiliate supplier's license, which might have been issued to affiliates of riverboat licensees.

PURPOSE: The commission is rescinding this rule because there has not been a need for an affiliate supplier's license.

AUTHORITY: sections 313.004 and 313.812, RSMo 2000, and sections 313.800, 313.805, and 313.807, RSMo Supp. 2012. Original rule filed May 13, 1998, effective Oct. 30, 1998. Amended: Filed Oct. 29, 2001, effective May 30, 2002. Amended: Filed Dec. 3, 2007, effective May 30, 2008. Amended: Filed Aug. 30, 2012, effective March 30, 2013. Rescinded: Filed Dec. 5, 2013.

PUBLIC COST: This proposed rescission will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed rescission will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed rescission with the Missouri Gaming Commission, PO Box 1847, Jefferson City, MO 65102. To be considered, comments must be received within thirty (30) days after publication of this notice in the *Missouri Register*. A public hearing is scheduled for Wednesday, March 12, 2014, at 10:00 a.m., in the Missouri Gaming Commission's Hearing Room, 3417 Knipp Drive, Jefferson City, Missouri.

Title 11—DEPARTMENT OF PUBLIC SAFETY

Division 45—Missouri Gaming Commission

Chapter 4—Licenses

PROPOSED AMENDMENT

11 CSR 45-4.260 Occupational Licenses for Class A, Class B, and Suppliers [and Affiliate Suppliers]. The commission is amending the title, sections (1), (2), and (6), adding a new section (6), and renumbering the original section (6).

PURPOSE: This amendment sets the time limit for rescission of an occupational license upon termination of employment, removes affiliate supplier, and updates the terminology for "key business entity."

(1) Every person in a position classified as Occupational License Level I or Occupational License Level II or otherwise participating in gaming operations in any capacity shall, prior to performing or practicing his/her business profession or skills, be a current employee of the Class A, Class B, or supplier[, or affiliate supplier/] licensee, and have obtained the appropriate occupational license from the commission, except for public officers and public employees engaged in the performance of their official duties and other individuals exempted by the commission. The commission may authorize the director to license or make the initial determination of unsuitability on the application of any Level II occupational license applicant, and the commission may further authorize the director to make the initial determination to revoke or suspend the Level I or Level II occupational license of any person; provided, however, that this section shall not limit any other authorization of the director. The authorization provided hereunder shall not include the authority to review findings of a hearing officer under the provisions of 11 CSR 45-13.

(2) As a condition of licensure, all applicants for occupational licenses are required to be fingerprinted, photographed and to execute such waivers as may be provided by forms approved by the commission, provided that applicants for a **key business entity [key person]** license need not be fingerprinted or photographed.

(6) If the employment of a Level I or Level II occupational licensee with a Class A, Class B, or supplier licensee is terminated for any reason, and if the occupational licensee does not obtain employment with a Class A, Class B, or supplier licensee within sixty (60) days of said termination date, then the occupational license will be rescinded at the end of said sixty (60)-day time period.

[(6)](7) The key person/key [person] business entity employed by suppliers will be required to be licensed by the Missouri Gaming Commission. The supplier key person/key [person] business entity application shall require a one (1)-time nonrefundable fee of one thousand dollars (\$1,000) plus the annual licensing fee of one hundred dollars (\$100). The applicant or licensee shall be assessed fees, if any, to cover the additional costs of the investigation. The licensing and renewal fees for Level I and Level II occupational licenses shall be the same as set forth for Class A and Class B occupational licensees. Additionally, the executive director may waive or modify licensing fees.

AUTHORITY: section 313.004, RSMo 2000, and section 313.805, RSMo Supp. [2012] 2013. Emergency rule filed Sept. 1, 1993, effective Sept. 20, 1993, expired Jan. 17, 1994. Emergency rule filed Jan. 5, 1994, effective Jan. 18, 1994, expired Jan. 30, 1994. Original rule filed Sept. 1, 1993, effective Jan. 31, 1994. For intervening history, please consult the *Code of State Regulations*. Amended: Filed Dec. 5, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will cost sixty-three (63) Level II licensees seven thousand eight hundred and seventy-five dollars (\$7,875), and one (1) Level I licensee one thousand one hundred

dollars (\$1,100) for unused and replacement license fees annually in the aggregate.

*NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Missouri Gaming Commission, PO Box 1847, Jefferson City, MO 65102. To be considered, comments must be received within thirty (30) days after publication of this notice in the **Missouri Register**. A public hearing is scheduled for Wednesday, March 12, 2014, at 10:00 a.m., in the Missouri Gaming Commission's Hearing Room, 3417 Knipp Drive, Jefferson City, Missouri.*

**FISCAL NOTE
PRIVATE COST**

- I. Department Title: 11—DEPARTMENT OF PUBLIC SAFETY**
Division Title: 45—Missouri Gaming Commission
Chapter Title: 4—Licenses

| | |
|-------------------------------|---|
| Rule Number and Title: | 11 CSR 45-4.260 Occupational Licenses for Class A, Class B, and Suppliers |
| Type of Rulemaking: | Proposed Amendment |

II. SUMMARY OF FISCAL IMPACT

| Estimate of the number of entities by class which would likely be affected by the adoption of the rule: | Classification by types of the business entities which would likely be affected: | Estimate in the aggregate as to the cost of compliance with the rule by the affected entities: |
|---|--|--|
| 63 Level II Licensees | Occupational Level II licensees | \$7,875 annually |
| One Occupational Level I licensee | Occupational Level I licensees | \$1,100 annually |

III. WORKSHEET

63 Level II \times \$125 = \$7,875 (application fee is \$75, licensee fee is \$50)

1 Level I \times \$1,100 = \$1,100 (application fee is \$1000, licensee fee is \$100)

IV. ASSUMPTIONS

On a yearly average 63 Level II Licensees and 1 Level I Licensee will transfer or be rehired after separating employment with a casino after 60 days have lapsed. This revision to the rule will require them to pay a new licensing and application fee.

The anticipated total cost for this rule will recur annually for the life of the rule.

**Title 11—DEPARTMENT OF PUBLIC SAFETY
Division 45—Missouri Gaming Commission
Chapter 4—Licenses**

PROPOSED AMENDMENT

11 CSR 45-4.380 Occupational and Key Person/Key [Person] Business Entity License Application and Annual Fees. The commission is amending the title, the purpose, sections (1), (2), and (7), deleting section (3), and renumbering sections (4)–(9).

PURPOSE: This amendment changes provisions for license renewal, updates the terminology for “key business entity,” and eliminates the option to self-renew a license.

PURPOSE: This rule establishes license fees for occupational and key person/key [person] business entity licensees of Class A and Class B licensees.

(1) The *[one (1)-time]* nonrefundable application filing fee shall be—

- | | |
|---|----------|
| (A) Key person/key <i>[person]</i> business entity— | |
| 1. Class A and B | \$15,000 |
| 2. Supplier/s/ | \$ 1,000 |

(2) The annual licensing fee shall be—

- | | |
|---|--------|
| (A) Key person/key <i>[person]</i> business entity— | |
| 1. Class A and B | \$ 250 |
| 2. Suppliers | \$ 100 |

[(3)] A key person/key person business entity or Level I licensee may renew their license only once following each termination of their association with a Class A, Class B or supplier licensee.]

[(4)](3) The applicant or licensee shall be assessed fees, if any, to cover the additional costs of the investigation.

[(5)](4) The initial annual fee for occupational licenses shall be due upon the earlier of—

- (A) The date that a temporary identification badge is issued to the applicant;
- (B) The date that a permanent identification badge is issued to the applicant; or
- (C) The date that the commission passes a resolution granting the license to the applicant.

[(6)](5) The initial annual fee for occupational licenses shall be paid in full to cover the first year of licensure. The license expires biennially on the last day of the month of issue. The annual occupational license renewal fee will be billed to the Class A, Class B, or supplier licensee.

[(7)](6) Each occupational license shall expire biennially on the last day of the month of issue, **or may be rescinded by operation of 11 CSR 45-4.260(6)**, but the licensing hearing shall be subject to being reopened at any time.

[(8)](7) The annual fee for an occupational license is nonrefundable and is due regardless of whether the renewal applicant obtains a renewed license.

[(9)](8) The executive director may waive or modify licensing fees. Exemption shall not be applicable for testing laboratories.

AUTHORITY: sections 313.004 and 313.800–313.850, RSMo 2000 and Supp. [2012] 2013. Emergency rule filed Sept. 1, 1993, effective Sept. 20, 1993, expired Jan. 17, 1994. Emergency rule filed Jan. 5, 1994, effective Jan. 18, 1994, expired Jan. 30, 1994. Original

rule filed Sept. 1, 1993, effective Jan. 31, 1994. For intervening history, please consult the Code of State Regulations. Amended: Filed Dec. 5, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Missouri Gaming Commission, PO Box 1847, Jefferson City, MO 65102. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. A public hearing is scheduled for Wednesday, March 12, 2014, at 10:00 a.m., in the Missouri Gaming Commission’s Hearing Room, 3417 Knipp Drive, Jefferson City, Missouri.

**Title 11—DEPARTMENT OF PUBLIC SAFETY
Division 45—Missouri Gaming Commission
Chapter 4—Licenses**

PROPOSED AMENDMENT

11 CSR 45-4.390 Occupational License Renewal. The commission is adding a section (2) and renumbering the remaining section.

PURPOSE: This amendment eliminates the option to self-renew a license.

(2) A Level I or Level II licensee may only renew his/her license if the licensee is a current employee of a Class A, Class B, or supplier licensee. A key person may only renew his/her license if the licensee is associated with a Class A or supplier licensee.

[(2)](3) The director shall have the power to renew any occupational license, provided that if the director intends not to renew an occupational license which the licensee has appropriately requested to have renewed, the director shall notify the commission in writing of his/her intention not to renew and the reasons for his/her decision at least ten (10) days before the license expires.

AUTHORITY: section 313.004, RSMo 2000, and sections 313.800, 313.805, and 313.822, RSMo Supp. [2012] 2013. Emergency rule filed Sept. 1, 1993, effective Sept. 20, 1993, expired Jan. 17, 1994. Emergency rule filed Jan. 5, 1994, effective Jan. 18, 1994, expired Jan. 30, 1994. Original rule filed Sept. 1, 1993, effective Jan. 31, 1994. For intervening history, please consult the Code of State Regulations. Amended: Filed Dec. 5, 2013.

PUBLIC COST: The elimination of the self-renew option will result in a five thousand seven hundred dollar (\$5,700) reduction in revenue for the Missouri Gaming Commission annually in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Missouri Gaming Commission, PO Box 1847, Jefferson City, MO 65102. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. A public hearing is scheduled for Wednesday, March 12, 2014, at 10:00 a.m., in the Missouri Gaming Commission’s Hearing Room, 3417 Knipp Drive, Jefferson City, Missouri.

**FISCAL NOTE
PUBLIC COST**

- I. Department Title: 11—DEPARTMENT OF PUBLIC SAFETY**
Division Title: 45—Missouri Gaming Commission
Chapter Title: 4—Licenses

| | |
|-------------------------------|--|
| Rule Number and Title: | 11 CSR 45-4.390 Occupational License Renewal |
| Type of Rulemaking: | Proposed Amendment |

II. SUMMARY OF FISCAL IMPACT

| Affected Agency or Political Subdivision | Estimated Cost of Compliance in the Aggregate |
|--|---|
| Missouri Gaming Commission | \$5,700 per fiscal year |

II. WORKSHEET

Self-Pay Licensing Fees by Fiscal Year

FY 11 \$6,700

FY 12 \$5,500

FY 13 \$4,900

$\$17,100 \div 3 \text{ years} = \$5,700 \text{ per fiscal year}$

IV. ASSUMPTIONS

The Missouri Gaming Commission would no longer accept licensing fees from Level I and Level II occupational licensees who self-pay and are not currently employed by a Class A, Class B or Supplier licensee. The estimated cost is the loss of renewal fees received by the Missouri Gaming Commission from these individuals each fiscal year. The estimated cost is the average of licensing renewal fees received over the last three completed fiscal years.

The anticipated revenue reduction estimate will recur annually for the life of the rule.

**Title 11—DEPARTMENT OF PUBLIC SAFETY
Division 45—Missouri Gaming Commission
Chapter 4—Licenses**

PROPOSED AMENDMENT

11 CSR 45-4.400 [Occupational Licensure Levels] Licensee Performance of Duties. The commission is amending the title and deleting sections (2) and (3).

PURPOSE: This amendment removes definitions for occupational licenses which may be found in other rules in Chapter 4.

[(2) Occupational License Level I includes the following positions or their equivalent:

- (A) Internal Audit Manager;*
- (B) Director of Casino Operations;*
- (C) Director of Security;*
- (D) Controller;*
- (E) IT Manager;*
- (F) Slot Department Manager;*
- (G) Surveillance Manager;*
- (H) Assistant General Manager;*
- (I) Table Games Manager;*

(J) Managers responsible for ensuring the integrity of all testing standards and certifications; or

(K) Any other person or entity who engages in an occupation associated in activities regulated under the riverboat gaming act or a riverboat gaming operation and is directed by the commission or its director to file a Level I application.

(3) Occupational License Level Two (II) includes any of the following positions that are not required to hold an Occupational License Level One (I):

(A) Any position within a Missouri riverboat gaming operation that would require the holder to have access to the excursion gambling boat to perform his or her function or duties; provided that agents and nongaming vendors are not considered within occupational license level I or II unless otherwise notified by the commission;

(B) Any position related to a Missouri riverboat gaming operation in one (1) of the following areas: security, surveillance, audit, accounting, MIS, cage, ticketing, hard and soft count and marine operations;

(C) Any position with a licensed gaming supplier company that would require the holder to have access to the excursion gambling boat to perform his or her function or duties if such function or duties involve installation, servicing, maintenance, repair or accessing secured or locked components of any gambling equipment or supplies or involve verification or payment of patron awards; and

(D) Any other person or entity directed by the commission or the director to file a Level II application as an occupational licensee applicant.]

AUTHORITY: section[s] 313.004, RSMo 2000, and section 313.805, RSMo Supp. 2013. Emergency rule filed Sept. 1, 1993, effective Sept. 20, 1993, expired Jan. 17, 1994. Emergency rule filed Jan. 5, 1994, effective Jan. 18, 1994, expired Jan. 30, 1994. Original rule filed Sept. 1, 1993, effective Jan. 31, 1994. For intervening history, please consult the **Code of State Regulations**. Amended: Filed Dec. 5, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Missouri Gaming Commission, PO Box 1847, Jefferson City, MO 65102. To be considered, comments must be received within thirty (30) days after publication of this notice in the **Missouri Register**. A public hearing is scheduled for Wednesday, March 12, 2014, at 10:00 a.m., in the Missouri Gaming Commission's Hearing Room, 3417 Knipp Drive, Jefferson City, Missouri.

**Title 11—DEPARTMENT OF PUBLIC SAFETY
Division 45—Missouri Gaming Commission
Chapter 4—Licenses**

PROPOSED AMENDMENT

11 CSR 45-4.410 Identification Badge Requirements. The commission is amending sections (1) and (3).

PURPOSE: This amendment clarifies the requirement for the identification badge to be surrendered to the property that issued the identification badge, updates the classification designation in section (3), and updates terminology for Class B licensees.

(1) All employees and occupational licensees *[other than key person/key person business entity licensees]* shall at all times while performing the functions of their positions display on their person in a clearly visible manner a valid, riverboat-issued, casino access badge, unless a waiver has been granted in writing for a particular job function. No casino access badge granting access to any riverboat gaming operation may be held by any person unless that person is an employee of the Class B licensee and has been authorized for such access by the *[Class A or]* Class B applicant or licensee of the riverboat gaming operation for which the badge is to be issued. Each *[Class A or]* Class B applicant or licensee must notify the commission that such authorization has been granted before any identification badge may be issued to the person. Each *[Class A or]* Class B applicant or licensee must notify the commission within ten (10) days if any such authorization has been revoked. **General managers, other key person licensees, and internal auditors who are employees of the Class A licensee may also be granted casino access badges. All other employees of the Class A licensee must obtain and display a visitor badge while performing the functions of their positions at the riverboat gaming operation.**

(3) Casino access badges are not transferable and upon resignation or termination of employment, *[an identification]* the access badge must be returned by the occupational licensee to the holder of a Class *[A] B* license *[or to the commission. If returned to the holder of a Class A license, the holder must then return the badge to the commission].*

AUTHORITY: sections 313.004 and 313.850, RSMo 2000, and section 313.800, RSMo Supp. [2007] 2013. Emergency rule filed Sept. 1, 1993, effective Sept. 20, 1993, expired Jan. 17, 1994. Emergency rule filed Jan. 5, 1994, effective Jan. 18, 1994, expired Jan. 30, 1994. Original rule filed Sept. 1, 1993, effective Jan. 31, 1994. For intervening history, please consult the **Code of State Regulations**. Amended: Filed Dec. 5, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Missouri Gaming Commission, PO Box 1847, Jefferson City, MO 65102. To be considered, comments must be received within thirty (30) days after publication of this notice in the *Missouri Register*. A public hearing is scheduled for Wednesday, March 12, 2014, at 10:00 a.m., in the Missouri Gaming Commission's Hearing Room, 3417 Knipp Drive, Jefferson City, Missouri.

**Title 11—DEPARTMENT OF PUBLIC SAFETY
Division 45—Missouri Gaming Commission
Chapter 4—Licenses**

PROPOSED AMENDMENT

11 CSR 45-4.420 Occupational License. The commission is amending section (1).

PURPOSE: This amendment removes "key person business entity" from the requirement to display a badge.

(1) Occupational licensees other than key persons/[key person business entity licensees] shall at all times while performing the functions of their positions display in a clearly visible manner, a valid, commission-issued occupational license badge.

AUTHORITY: sections 313.004 and 313.850, RSMo 2000, and section 313.800, RSMo Supp. [2007] 2013. Original rule filed May 13, 1998, effective Oct. 30, 1998. Amended: Filed Dec. 7, 2001, effective June 30, 2002. Amended: Filed Dec. 3, 2007, effective May 30, 2008. Amended: Filed Dec. 5, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Missouri Gaming Commission, PO Box 1847, Jefferson City, MO 65102. To be considered, comments must be received within thirty (30) days after publication of this notice in the *Missouri Register*. A public hearing is scheduled for Wednesday, March 12, 2014, at 10:00 a.m., in the Missouri Gaming Commission's Hearing Room, 3417 Knipp Drive, Jefferson City, Missouri.

**Title 11—DEPARTMENT OF PUBLIC SAFETY
Division 45—Missouri Gaming Commission
Chapter 7—Security and Surveillance**

PROPOSED RULE

11 CSR 45-7.170 Access to Areas of Class B Licensee Facilities

PURPOSE: This rule establishes procedures for controlling access to areas of Class B licensee facilities.

(1) Secured areas shall include any area or location so designated by the licensee's Internal Control System (ICS) or by the commission, including but not limited to:

- (A) Surveillance;
- (B) Areas housing critical information technology systems;
- (C) Cage;
- (D) Main bank/vault;
- (E) Slot maintenance rooms;
- (F) Electronic gaming devices (EGD) storage rooms;
- (G) Count room and cart storage room;
- (H) Pit;
- (I) Card and dice storage and inspection rooms; and
- (J) Any other area designated by the commission.

(2) A security or area supervisor escort is required for any individual accessing a secured area, except for occupational licensees who work in that secured area at that property. Vendors, visitors, and other personnel who need access to the Management Information Systems (MIS) secured areas may be escorted by MIS personnel instead of the area supervisor or security.

(3) Employees of non-gaming vendors that provide goods and services directly to Class B licensees and who require periodic access to public areas of the casino floor, or areas off the gaming floor open to all employees, may access these areas without an escort.

(A) The Class B licensee shall be responsible for the conduct and actions of the vendor while unescorted on the licensed premises.

(B) Vendors shall be required to report to security to obtain a vendor badge and sign the Visitor/Vendor Log indicating time in, time out, and the reason for their visit.

AUTHORITY: section 313.004, RSMo 2000, and section 313.805, RSMo Supp. 2013. Original rule filed Dec. 5, 2013.

PUBLIC COST: This proposed rule will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed rule will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed rule with the Missouri Gaming Commission, PO Box 1847, Jefferson City, MO 65102. To be considered, comments must be received within thirty (30) days after publication of this notice in the *Missouri Register*. A public hearing is scheduled for Wednesday, March 12, 2014, at 10:00 a.m., in the Missouri Gaming Commission's Hearing Room, 3417 Knipp Drive, Jefferson City, Missouri.

**Title 11—DEPARTMENT OF PUBLIC SAFETY
Division 45—Missouri Gaming Commission
Chapter 9—Internal Control System**

PROPOSED AMENDMENT

11 CSR 45-9.113 Minimum Internal Control Standards (MICS)—Chapter M. The commission is amending the title and section (1).

PURPOSE: This amendment removes a sentence in Chapter M § 1.02 pertaining to the surveillance department's organizational structure, updates Chapter M § 3.01 to require access to be logged on a Surveillance Ingress/Egress Log, and removes Chapter M § 4.04 restrictions for reviewing surveillance recordings.

(1) The commission shall adopt and publish minimum standards for internal control procedures that in the commission's opinion satisfy 11 CSR 45-9.020, as set forth in *Minimum Internal Control Standards* (MICS) Chapter M—Surveillance, which has been incorporated by reference herein, as published by the Missouri Gaming Commission, 3417 Knipp Dr., PO Box 1847, Jefferson City, MO 65102. Chapter M does not incorporate any subsequent amendments or additions as adopted by the commission on [September 29, 2010] **December 4, 2013**.

AUTHORITY: section 313.004, RSMo 2000, and sections 313.800 and 313.805, RSMo Supp. [2010] **2013**. Original rule filed June 30, 2010, effective Jan. 30, 2011. Amended: Filed Dec. 5, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Missouri Gaming Commission, PO Box 1847, Jefferson City, MO 65102. To be considered, comments must be received within thirty (30) days after publication of this notice in the *Missouri Register*. A public hearing is scheduled for Wednesday, March 12, 2014, at 10:00 a.m., in the Missouri Gaming Commission's Hearing Room, 3417 Knipp Drive, Jefferson City, Missouri.

**Title 11—DEPARTMENT OF PUBLIC SAFETY
Division 45—Missouri Gaming Commission
Chapter 9—Internal Control System**

PROPOSED AMENDMENT

11 CSR 45-9.118 Minimum Internal Control Standards (MICS)—Chapter R. The commission is amending section (1).

PURPOSE: This amendment updates minimum internal control standards regarding the use of commission forms by revising the *Casino/Cage Multiple Transaction Log*, and *Surveillance Release Log*, and adding a *Surveillance Ingress/Egress Log*.

(1) The commission shall adopt and publish minimum standards for internal control procedures that in the commission's opinion satisfy 11 CSR 45-9.020, as set forth in *Minimum Internal Control Standards* (MICS) Chapter R—Forms, which has been incorporated by reference herein, as published by the Missouri Gaming Commission, 3417 Knipp Dr., PO Box 1847, Jefferson City, MO 65102. Chapter R does not incorporate any subsequent amendments or additions as adopted by the commission on [August 21, 2013] **December 4, 2013**.

AUTHORITY: section 313.004, RSMo 2000, and sections 313.800 and 313.805, RSMo Supp. [2012] **2013**. Original rule filed June 30, 2010, effective Jan. 30, 2011. Amended: Filed Dec. 8, 2011, effective July 30, 2012. Amended: Filed Sept. 27, 2012, effective May 30, 2013. Amended: Filed May 1, 2013, effective Dec. 30, 2013. Amended: Filed Dec. 5, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Missouri Gaming Commission, PO Box 1847, Jefferson City, MO 65102. To be considered, comments must be received within thirty (30) days after publication of this notice in the *Missouri Register*. A public hearing is scheduled for Wednesday, March 12, 2014, at 10:00 a.m., in the Missouri Gaming Commission's Hearing Room, 3417 Knipp Drive, Jefferson City, Missouri.

**Title 11—DEPARTMENT OF PUBLIC SAFETY
Division 45—Missouri Gaming Commission
Chapter 10—Licensee's Responsibilities**

PROPOSED AMENDMENT

11 CSR 45-10.020 Licensee's and Applicant's Duty to Disclose Changes in Information. The commission is amending section (1).

PURPOSE: This amendment updates the terminology for "key business entity."

(1) All licensees and applicants for Class A, Class B, supplier, key person/key [person] business entity, or Level I occupational licenses issued by the commission shall have a continuing duty to disclose in writing, within ten (10) calendar days for an applicant and thirty (30) calendar days for a licensee, any material change in the information provided in the application forms and requested materials submitted to the commission. Any change in information that is not material must be disclosed to the commission during the licensee's next subsequent application for license renewal.

AUTHORITY: section[s] 313.004, RSMo 2000, and sections 313.800, 313.805, and 313.807, RSMo Supp. [2010] **2013**. Emergency rule filed Sept. 1, 1993, effective Sept. 20, 1993, expired Jan. 17, 1994. Emergency rule filed Jan. 5, 1994, effective Jan. 18, 1994, expired Jan. 30, 1994. Original rule filed Sept. 1, 1993, effective Jan. 31, 1994. For intervening history, please consult the *Code of State Regulations*. Amended: Filed Dec. 5, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Missouri Gaming Commission, PO Box 1847, Jefferson City, MO 65102. To be considered, comments must be received within thirty (30) days after publication of this notice in the *Missouri Register*. A public hearing is scheduled for Wednesday, March 12, 2014, at 10:00 a.m., in the Missouri Gaming Commission's Hearing Room, 3417 Knipp Drive, Jefferson City, Missouri.

**Title 11—DEPARTMENT OF PUBLIC SAFETY
Division 45—Missouri Gaming Commission
Chapter 13—Hearings**

PROPOSED AMENDMENT

11 CSR 45-13.030 Requests for Hearings. The commission is adding new subsections (2)(E) and (F).

PURPOSE: This amendment changes the procedure for requesting a hearing.

(2) A request for hearing must be submitted within thirty (30) days from the date of mailing by the commission of the decision or issue about which the petitioner requests a hearing.

(E) Other than disciplinary actions recommending the revocation of an occupational license, no Preliminary Order of Discipline shall be issued for an occupational licensee whose license has been rescinded, terminated, or has expired prior to the entry of said order.

(F) Other than disciplinary actions recommending the revocation of an occupational license, if the petitioner's occupational license has been rescinded, terminated, or has expired prior to the entry by the commission of a Final Order of Discipline, then the Preliminary Order of Discipline shall be rescinded, and the petitioner's request for hearing shall be denied and stricken.

AUTHORITY: sections 313.004, 313.052, 313.065, and 313.560, RSMo 2000, and sections 313.800 and 313.805, RSMo Supp. 2013. Emergency rule filed Sept. 1, 1993, effective Sept. 20, 1993, expired Jan. 17, 1994. Emergency rule filed Jan. 5, 1994, effective Jan. 18, 1994, expired Jan. 30, 1994. Original rule filed Sept. 1, 1993, effective Jan. 31, 1994. For intervening history, please consult the Code of State Regulations. Amended: Filed Dec. 5, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: *Anyone may file a statement in support of or in opposition to this proposed amendment with the Missouri Gaming Commission, PO Box 1847, Jefferson City, MO 65102. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. A public hearing is scheduled for Wednesday, March 12, 2014, at 10:00 a.m., in the Missouri Gaming Commission's Hearing Room, 3417 Knipp Drive, Jefferson City, Missouri.*

Title 13—DEPARTMENT OF SOCIAL SERVICES Division 35—Children's Division Chapter 71—Licensing Rules for Residential [Child Care Agencies] Treatment Agencies for Children and Youth

PROPOSED AMENDMENT

13 CSR 35-71.010 Definitions. The division is amending the title of the chapter, sections (3), (4), (8), (9), (12), (13), (14), (16), and (18), adding sections (5), (9), (13), (14), and (20), and renumbering as needed.

PURPOSE: The Children's Division is amending the name of residential child care agencies to residential treatment agencies for children and youth, adding a definition of critical incident, adding a definition of good standing, using operating site instead of facility, adding a definition of medical examination, expanding on the definition of social services, and adding a definition of variance.

PURPOSE: This rule clarifies the terms used in the licensing rules for residential [care agencies] treatment agencies for children and youth.

(3) Child abuse/neglect background check is, at a minimum, a search of the [F/family [C/care [S/safety [R/registry for residential [child care agency] treatment agencies for children and youth staff child abuse/neglect history pursuant to sections 210.903 through 210.936, RSMo.

(4) Criminal background check is, at a minimum, a search of the [F/family [C/care [S/safety [R/registry for residential [child care agency] treatment agencies for children and youth staff criminal history pursuant to sections 210.903 through 210.936, RSMo.

(5) A "critical incident" is an incident involving a child in the care of the agency, in which the child or another person directly involved with the child is placed at significant risk of death, serious physical, mental, or sexual harm. A critical incident may involve conduct of the child, other children, and/or acts or omissions of staff of the agency. Examples of critical incidents include, but are not limited to: injury of a child during physical restraint; serious physical or sexual aggression by or toward the child; significant physical injuries requiring medical attention; allegations of sexual abuse; criminal conduct involving the child; elopement; attempted suicide; fire setting; child death; and information which must be reported to the child abuse and neglect hotline pursuant to 210.115 RSMo. A "critical incident report" is a report documenting a critical incident.

[[5]](6) Director is the director of the Children's Division.

[[6]](7) Division is the Children's Division of the Department of Social Services of Missouri as defined in section 210.481(3), RSMo.

[[7] Facility is any building of a licensed agency in which children reside.]

(8) Family [C/care [S/safety [R/registry pursuant to sections 210.903 through 210.936, RSMo, is established to protect children, the elderly, and disabled individuals in the state and to promote community safety by providing information concerning family caregivers as established within the Department of Health and Senior Services. The registry contains information on child-care workers' and personal-care workers' background and child-care, elder-care, and personal-care providers as specified in section 210.903.2(1)–(8), RSMo.

(9) Good standing refers to a licensed residential treatment agency for children and youth in substantial compliance with Chapter 71 of the Children's Division residential treatment agencies for children and youth rules and is not under involuntary intake suspension, license denial, license suspension, and/or license revocation.

[[9]](10) Intensive residential treatment for children and youth is provided in a living unit of an agency for gravely, emotionally disturbed youth that has the capability of providing a highly structured and secure environment to prevent runaway behavior, address the likelihood of rage and physical aggression, and minimize/s the likelihood of youth injuring themselves or others. Intensive residential treatment for children and youth may be achieved through a combination of staffing patterns, architectural design of the [facility] operating site, electronic monitoring of the [facility] operating site and its exits, or other means necessary to assure safety.

[[10]](11) License is the legal document issued to an agency by the division for a period not to exceed two (2) years which authorizes the agency to provide twenty-four (24)-hour care for children, subject to compliance with sections 210.481–210.536, RSMo, and the applicable rules promulgated by the division (section 210.481(6), RSMo).

[[11]](12) Mechanical restraints are any device, instrument, or physical object used to confine or limit a child's freedom of movement, except when necessary for orthopedic, surgical, and other medical purposes, or when necessary, to transport a child that may abscond or cause injury during transportation. Support devices used in normal situations to achieve proper body position and balance are not mechanical restraints.

(13) Medical examination is a thorough physical examination conducted by a licensed physician, certified nurse practitioner, advanced practice nurse in a collaborative practice agreement with a licensed physician, or a registered nurse who is under the supervision of a licensed physician. It may include a variety of tests, depending on the age, sex, and health of the person being examined, that includes tests for communicable diseases including, but not limited to tuberculosis and hepatitis, when recommended by a licensed physician. It should also include a statement of the patient's mental state as determined by a licensed physician.

(14) Operating Site is any building of a licensed agency in which children reside.

[(12)](15) Physical restraint is physical holding involving restriction of a child's voluntary movement to temporarily restrain an agitated, violent, or aggressive child who presents a likelihood of serious physical harm to him/herself or others *[or of doing serious property damage]*.

[(13)](16) Residential *[care]* treatment agency for children and youth is an agency providing twenty-four (24)-hour care and treatment to children who are unrelated to the person operating the agency and who are unattended by a parent or guardian (as defined in section 210.481(10), RSMo, as residential care facility).

[(14)](17) Social services *[is the provision of direct services, by plan, to the child and family to identify and resolve problems which negatively have affected his/her development, behavior, and social functioning.]* are planned psycho-social interventions that are intended to lead to increased individual and family self sufficiency and empowerment, and will support the child's transition from the placement into the family or community. Social services shall include, but shall not necessarily be limited to, individual, family or group therapy provided in conjunction with other expressive, experiential, and adjunct activities.

[(15)](18) Staff are persons employed by an agency.

[(16)](19) Transitional living services are services provided to older adolescents that combine life skills training with opportunities to practice same. The goal of such services is to prepare the youth for successful adult living in the community upon their discharge from residential *[care]* treatment for children and youth.

(20) Variance is a minor, time limited, deviation from a rule that may be requested by a licensed residential treatment for children and youth agency on a form prescribed by the division and approved or denied by the division. Approval may be granted by the division when a variance does not negatively impact child health and safety and is not under the purview of another regulatory entity. Examples include, but are not limited to time limited deviations in licensed capacity and age range.

[(17)](21) Volunteer is any person who provides direct services to children within an agency, either on or off the premises, without financial compensation.

[(18)](22) Well-known religious order, church, and religious organization are defined as follows:

(A) A church, synagogue, or mosque;

(B) An entity that would qualify for federal tax exempt status as a not-for-profit religious organization under section 501(c) of the *Internal Revenue Code* of 1954; or

(C) An entity where the real property on which the *[child care facility]* residential treatment for children and youth operating

site is located is exempt from local taxation because it is used for religious purposes.

AUTHORITY: section 210.506, RSMo 2000. This rule originally filed as 13 CSR 40-71.010. Original rule filed May 9, 1956, effective May 19, 1956. For intervening history, please consult the *Code of State Regulations*. Amended: Filed Dec. 16, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Children's Division, Tim Decker, Director, PO Box 88, Jefferson City, MO, 65103. To be considered, comments must be received within thirty (30) days after publication of this notice in the *Missouri Register*. No public hearing is scheduled.

Title 13—DEPARTMENT OF SOCIAL SERVICES Division 35—Children's Division Chapter 71—Licensing Rules for Residential *[Child Care Agencies]* Treatment Agencies for Children and Youth

PROPOSED AMENDMENT

13 CSR 35-71.020 Basic Residential *[Child Care]* Treatment for Children and Youth Core Requirements (Applicable To All Agencies)—Basis for Licensure and Licensing Procedures. The division is amending the title of the chapter, the title of the rule, sections (1)–(6), and adding section (7).

PURPOSE: The Children's Division is clarifying the application of licensure process, medical (formally physical) examination documentation for staff, using interns instead of students, clarification that a licensure may be denied if an applicant is not in compliance within a six (6) month period, requiring a new application if such an agency desires to pursue licensure, discussion of the variance request process, information necessary for a license amendment, verification of a medical examination documentation required for a license renewal, and clarification of license supervision.

(1) Licensing Authority.

(A) Any person who desires to develop, establish, maintain or operate, or both, a residential *[care agency]* treatment agency for children and youth, except for those persons exempt from licensing pursuant to section 210.516, RSMo, must file an */A/*application for */L/*licensure form with the division and must receive a license prior to accepting any child for care.

(2) Application for Licensure.

(A) An agency shall submit the following documents in duplicate to the division—

1. Application for */L/*licensure signed and dated by the applicant;

2. Evidence of compliance with local building and zoning requirements;

3. A floor plan of the proposed site in which the specific use of each room is identified;

4. A signed and dated copy of the */C/*civil */R/*rights */A/*agreement;

5. A chart depicting the agency's organizational structure and lines of supervision;

6. Written policies and procedures established by the board of

directors which clearly set forth the authority and the responsibilities delegated to the executive director;

7. A copy of the *[A/articles of [incorporation, bylaws, and board roster, including the mailing address(es) of all officers] and place of employment of each member;]*, and a list of board officers;

8. A proposed budget for a period of not less than one (1) year~~;~~, **including sources of income and/or fund raising methods;**

9. Verification of **availability of** not less than three (3) months' operating capital;

10. A written intake policy;

11. Written identification of specific program models or designs which shall include the methods of care and treatment to be provided;

12. Job title, job description, and minimum qualifications for all staff;

13. A projected staffing plan for the anticipated capacity;

14. Written child abuse and neglect reporting policy;

15. Written personnel practices, including staff training and orientation;

16. Written discipline policy;

17. Written visitation policy;

18. Written health care policy;

19. Written restraint policy *[which shall include a description of all methods to be used;]* **utilizing a recognized and approved physical restraint program;**

20. A needs assessment conducted and submitted as evidence of need for the type and scope of program proposed. This **written** assessment shall include, *[at a minimum,]* **but is not limited to:**

A. *[a]*An identification and survey of potential referral sources, existing resources, and unmet community needs;

B. **A business plan that details the agency's proposed venture explaining the vision, mission, current status, expected needs, defined markets, and projected results;**

C. **A description of how treatment will be provided and documented and how the proposed operating site meets therapeutic needs;**

D. **A description of how the agency will be financed and how fiscal viability will be maintained; and**

E. **A description of the results of a meeting planned and hosted by the agency with key community participants with the intent of enhancing communication, gathering information for the needs assessment, addressing interaction with community resources, and addressing community questions and comments regarding the proposed residential treatment agency for children and youth.**

21. Evidence of compliance with fire safety requirements of the State Fire Marshal;

22. Documentation that the agency's water supply and sewage disposal system is currently in compliance with the requirements of the Department of Health and Senior Services if not an approved public source;

23. Verification of a *[physical]* **medical examination that includes tests for communicable diseases including, but not limited to, tuberculosis and hepatitis when recommended by a licensed physician** for all staff *[working directly with children]*, completed by a licensed physician, certified nurse practitioner, advanced practice nurse in a collaborative practice agreement with a licensed physician, or a registered nurse who is under the supervision of a licensed physician, shall be submitted within thirty (30) days of initial licensure using the form prescribed by the division;

24. Results of a check of the *[F/family [C/care [S/safety [R/registry [(FCSR)]* for all staff, as well as *[students,]* **interns, volunteers, and contractors [who have direct contact with children]**. Any employee who resides in another state and works in the state of Missouri, or who has relocated to the state of Missouri within the last five (5) years, shall provide documentation of child abuse/neglect and criminal background screening check(s) from

those states. When an employee who lived in another state or states within the last five (5) years now resides in the state of Missouri, the documentation of child abuse/neglect and criminal background screening check(s) from the previous state(s) only needs to be completed upon initial employment. If the employee continues to reside in another state, the out-of-state check shall be done annually. Results of employee medical examinations and background screenings, **along with [(FCSR) family care safety registry** documentation~~]]~~ may be viewed by division licensing staff on site during routine record reviews;

25. Verification of the education, **licensing credentials** and experience for all professional staff; *[and]*

26. **A copy of the resume for all professional and administrative staff;**

~~26.]~~27. Written description of the recreational program, and the manner in which staff are qualified and prepared to create, organize, and supervise them~~./;~~;

28. **A copy of the annual written staff training plan;**

29. **A copy of the personnel manual for the agency;**

30. **A copy of the program manual for the agency;**

31. **For any agency operating a swimming pool on grounds, documentation that the pool is operated and maintained in accordance with all applicable ordinances and/or state guidelines;**

32. **Documentation that each operating site's food service is in compliance with the requirements of the Department of Health and Senior Services and/or any local applicable ordinances;**

33. **Written volunteer policies;**

34. **Written policy for the use of visiting resources;**

35. **Written confidentiality policy;**

36. **Written policy for the use of locked isolation;**

37. **Written instructions for fire, severe weather, and other emergency evacuations;**

38. **Written description of the agency's religious requirements and practices;**

39. **Written policy governing the use of medications, including psychotropic medications;**

40. **A copy of any newsletter, brochure, or flyer used by the agency for fundraising or marketing purposes;**

41. **Documentation of insurance for the agency for professional and commercial liability, worker's compensation insurance, fire, and disaster insurance and agency vehicle insurance; and**

42. **A completed, signed, and dated copy of the agency self study on a form prescribed by the division.**

(3) Licensing Assessment.

(B) If an applicant for licensure is determined not to be in compliance with the licensing law and applicable rules, and/or if compliance is not achieved within a six (6)-month period, *[a new Application for Licensure must be filed if the agency desires to pursue licensure.]* **the application may be denied. A new application for licensure must be filed if the agency desires to pursue licensure.**

(4) The License.

(C) The license shall be posted in a conspicuous place on the premises of the *[facility]* **operating site.**

(F) **A licensed residential treatment agency for children and youth may request a temporary variance from one (1) or more of the licensing requirements for a specified period of time on a form prescribed by the division that is approved or denied by the division. Approval may be granted by the division only in unusual situations when the division determines that the variance will not negatively impact child health and safety and is not under the purview of another regulatory entity. Examples may include, but are not limited to time limited deviations in licensed capacity and age range. No variance will be granted for any licensing requirements which involve the health, safety, and welfare of children.**

Examples include, but are not limited to compliance with fire and sanitary codes, food safety, building occupancy requirements, and other requirements imposed by law. In the event the licensed residential treatment agency for children and youth does not agree with the decision of the division, it may request administrative review pursuant to 13 CSR 35-71.030.

(5) License Amendment.

(A) An agency shall file an [A]/application for [A]/amendment with the division *[at least thirty (30) days prior to relocation, change in the name of the agency, change in the capacity, and/or age range of children or any major change in the program. These changes shall be approved by the division before implementation.]* on a form prescribed by the division at least sixty (60) days prior to—

1. Relocation and/or address change;
2. Change in the name of the agency;
3. Change in the capacity, gender served, and/or age range of children; or
4. Any major change in the program.

(B) These changes shall be approved by the division prior to implementation.

(6) Licensing Renewal.

(A) An [A]/application for [L]/licensure shall be mailed by the division to the agency.

(B) The agency shall complete and return the application to the division *[within thirty (30) days from the date of receipt]* at least ninety (90) days prior to the expiration of the current license.

(C) The division shall initiate action on the completed application packet prior to the expiration of the existing licensure period.

(D) In addition to the completed application, the following documents shall be submitted:

1. Verification of a *[physical]* medical examination that includes tests for communicable diseases including, but not limited to, tuberculosis and hepatitis when recommended by a licensed physician, completed by a licensed physician, certified nurse practitioner, advanced practice nurse in a collaborative practice agreement with a licensed physician, or a registered nurse who is under the supervision of a licensed physician, for all staff working directly with children shall be submitted utilizing the form prescribed by the division;

2. A current board roster, including the mailing address/es of all officers/ and place of employment of each member and a list of board officers;

3. A summary of any significant changes to programs and copies of any resulting policies or policy changes;

4. A copy of a current organizational chart;

5. Annual results of a check of the *[F/family [C]care [S]safety [R]registry [(FCSR)]* for all staff, as well as *[students] interns, volunteers, and contractors [who have direct contact with children]*. Any employee who resides in another state and works in the state of Missouri, or who has relocated to the state of Missouri within the last five (5) years, shall provide documentation of child abuse/neglect and criminal background screening check(s) from those states. When an employee who lived in another state or states within the last five (5) years now resides in the state of Missouri, the documentation of child abuse/neglect and criminal background screening check(s) from the previous state(s) only needs to be completed upon initial employment. If the employee continues to reside in another state, the out-of-state check shall be done annually. Results of employee medical examinations and background screenings, along with *[(FCSR)] family care safety registry* documentation/ may be viewed by division licensing staff on site during routine record reviews;

6. Evidence of current compliance with the fire and safety requirements of the State Fire Marshal;

7. A record of monthly drills for fire and emergency evacuations which are held at different times of the day and night;

8. Documentation that each *[facility's]* operating site's water supply and sewage disposal system is currently in compliance with the requirements of the Department of Health and Senior Services if not an approved public source; and

9. A copy of *[a] the most recent financial audit [conducted by a certified public accountant not employed by the agency.]* and/or financial review pursuant to 13 CSR 35-71.040(3)(B);

10. A copy of the annual written staff training plan;

11. Documentation that each operating site food service is currently in compliance with requirements of the Department of Health and Senior Services or any local applicable ordinance;

12. A copy of the current personnel and/or program manual for the agency if there have been changes since last submitted to the licensing unit;

13. For any agency operating a swimming pool on grounds, documentation that the pool is operated and maintained in accordance with all applicable local ordinances and/or state guidelines;

14. A copy of the resume of all administrative and professional staff, if not previously submitted to the licensing unit;

15. Documentation of insurance for the agency for professional liability and commercial liability, worker's compensation insurance, fire, and disaster insurance and agency vehicle insurance;

16. Documentation of form 990 for all non-profit agencies and Internal Revenue Service return for for-profit agencies and self-disclosure of tax liabilities, including but not limited to all employee withholding taxes.

(7) License Supervision.

(A) Division licensing consultants may make supervisory on site contacts which may or may not be scheduled to determine compliance with the licensing rules.

(B) Division licensing consultants may review personnel files including, but not limited to criminal/child abuse/neglect background screening documentation during on-site reviews.

AUTHORITY: section 210.516, RSMo 2000. This rule originally filed as 13 CSR 40-71.020. Original rule filed Nov. 9, 1978, effective Feb. 11, 1979. For intervening history, please consult the Code of State Regulations. Amended: Filed Dec. 16, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Children's Division, Tim Decker, Director, PO Box 88, Jefferson City, MO, 65103. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

Title 13—DEPARTMENT OF SOCIAL SERVICES
Division 35—Children's Division
Chapter 71—Licensing Rules for Residential [Child Care Agencies] Treatment Agencies for Children and Youth

PROPOSED AMENDMENT

13 CSR 35-71.025 Exemption of Religious [Child Care Facilities] Residential Treatment for Children and Youth Operating Sites. The division is amending the title of the chapter, the title of the rule, the purpose, and the section of text.

PURPOSE: *The Children's Division is amending residential child care to residential treatment for children and youth and facilities to operating sites.*

PURPOSE: *This rule sets forth the requirement that [child care facilities] residential treatment for children and youth operating sites must be under the exclusive control of a religious organization in order to qualify for exemption under sections 210.211(5) or 210.516.1(5), RSMo.*

When a nonreligious organization, having as its principal purpose the provision of [child care] residential treatment for children and youth services, enters into an arrangement with a religious organization to provide continuing assistance in the maintenance or operation of a [child care facility] residential treatment for children and youth operating site, the [facility] operating site is not under the exclusive control of the religious organization and does not qualify for exemption from licensure under sections 210.211(5) or 210.516.1(5), RSMo.

AUTHORITY: *sections 210.481, [and] 210.516, [RSMo (1986) and] 210.486, and 210.506, RSMo [(Cum. Supp. 1993)] 2000. This rule originally filed as 13 CSR 40-71.025. Original rule filed Oct. 7, 1987, effective March 25, 1988. For intervening history, please consult the Code of State Regulations. Amended: Filed Dec. 16, 2013.*

PUBLIC COST: *This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.*

PRIVATE COST: *This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.*

NOTICE TO SUBMIT COMMENTS: *Anyone may file a statement in support of or in opposition to this proposed amendment with the Children's Division, Tim Decker, Director, PO Box 88, Jefferson City, MO, 65103. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.*

Title 13—DEPARTMENT OF SOCIAL SERVICES

Division 35—Children's Division

Chapter 71—Licensing Rules for Residential [Child Care Agencies] Treatment Agencies for Children and Youth

PROPOSED AMENDMENT

13 CSR 35-71.030 Hearings and Judicial Review. The division is amending the title of the chapter, sections (1) and (2), and adding sections (3), (4), and (5).

PURPOSE: *The Children's Division is amending exclusionary employment criteria to include felony possession, delivery, manufacturing or production of controlled substance crimes as specified in Chapter 195 RSMo, the inclusion of limited exceptions to exclusionary employment criteria and the inclusion of due process procedures in the event of disagreement with exclusionary employment criteria in certain cases, and disagreement with the denial, suspension, and/or revocation of a license.*

(1) License Denial or License Revocation.

(A) The division may refuse to issue a license to an applicant, or may deny or revoke the license of a licensee, who—

1. Fails consistently to comply with the applicable provisions of sections 210.481–210.536, RSMo, and the applicable corresponding rules;

2. Violates any of the provisions of its license;

3. Violates state laws or rules relating to the protection of children;

4. Abuses or neglects children, or is the subject of multiple or serious reports of child abuse or neglect which upon investigation results in a court adjudicated, probable cause, and/or preponderance of evidence finding, or [after (effective the date of this amendment)] (effective August 4, 2008) are found guilty, plead guilty, or plead no contest to felony crimes against persons as specified in Chapters 565, 566, 567, 568, and 573 RSMo, and (effective the date of this amendment) felony possession, delivery, distribution, manufacturing, or production of controlled substance crimes as specified in Chapter 195 RSMo, or the same serious crimes against persons regardless of the state or country in which the crime was committed and/or court adjudicated, probable cause, and/or preponderance of evidence child sexual abuse and/or serious child physical abuse and/or serious child neglect. An agency shall also exclude from employment persons who are on the respective Department of Health and Senior Services and/or the Department of Mental Health lists that exclude child or adult care employment and/or licensure and the agency fails to take corrective action acceptable to the division. The division may make limited exceptions to the above exclusionary employment criteria in extraordinary circumstances where the agency and the employee establish that the potential employee is essential to the success of the licensed residential treatment agency for children and youth, the employee poses no risk to the welfare, health, and safety of the children in placement, the employee is not listed on the sexual offender registry and has no history of court adjudicated, probable cause, and/or preponderance of evidence sexual abuse. The division may require that the prospective employee and the agency submit proof that the employee or prospective employee has successfully completed any and all sentences imposed and any reasonably necessary or required medical, psychiatric, and/or mental health treatment necessary to assure that the employee or prospective employee poses no danger to the health, safety, and welfare of children. The agency shall file a written application for an exception to the requirements of this section. The application shall contain detailed information and documentation supporting the request. In the event that the division denies the request the employee or prospective employee and the agency may file a written request for an informal meeting pursuant to paragraph (1)(A)11. of this section;

5. Employs persons who abuse or neglect children, persons who are the subjects of multiple or serious reports of child abuse or child neglect which upon investigation results in a court adjudicated, probable cause, and/or preponderance of evidence finding or [after (effective the date of this amendment)] (effective August 4, 2008) are found guilty, plead guilty, or plead no contest to felony crimes against persons as specified in Chapters 565, 566, 567, 568, and 573, RSMo, and (effective the date of this amendment) felony possession, delivery, distribution, manufacturing, or production of controlled substance crimes as specified in Chapter 195 RSMo, or the same serious crimes against persons regardless of the state or country in which the crime was committed and/or court adjudicated, probable cause, and/or preponderance of evidence child sexual abuse and/or serious child physical abuse and/or serious child neglect. An agency shall also exclude from employment persons who are on the respective Department of Health and Senior Services and/or the Department of Mental Health lists that exclude child or adult care employment and/or licensure and the agency fails to take corrective action acceptable to the division. The division may make limited exceptions to the above exclusionary employment criteria in extraordinary circumstances where the agency and the employee establish that the potential employee is essential to the success of the licensed residential treatment agency for children and youth, the employee poses no risk to the welfare, health, and safety of the children in placement, the employee is not listed on

the sexual offender registry and has no history of court adjudicated, probable cause, and/or preponderance of evidence sexual abuse. The division may require that the prospective employee and the agency submit proof that the employee or prospective employee has successfully completed any and all sentences imposed and any reasonably necessary or required medical, psychiatric, and/or mental health treatment necessary to assure that the employee or prospective employee poses no danger to the health, safety, and welfare of children. The agency shall file a written application for an exception to the requirements of this section. The application shall contain detailed information and documentation supporting the request. In the event that the division denies the request the employee or prospective employee and the agency may file a written request for an informal meeting pursuant to paragraph (1)(A)11. of this section;

6. Furnishes or makes any misleading or false statements or reports to the division;

7. Refuses to submit any reports or refuses to make available to the division any records required in making an investigation;

8. Fails or refuses to submit to an investigation by an authorized and identified representative of the division at any reasonable time;

9. Fails to provide, maintain, equip, and keep in safe and sanitary condition the premises established or used for the care of children as required by law, rule, or ordinance applicable to the location of a facility; or

10. Fails to provide adequate financial resources for the satisfactory care of children being served, or the upkeep of the premises, or both.

11. When a potential employee of a licensed residential treatment agency for children and youth is excluded from employment pursuant to paragraphs 13 CSR 35-71.030(1)4. and 5. above, the Children's Division may grant an informal meeting only if the potential employee and the licensed residential treatment agency for children and youth request the informal meeting in writing and explain, based on the specified criteria, the reason the employee would be hired and how children in residence at the operating site would be protected. When the written request is received, the division shall schedule an informal meeting as soon as practicable. The meeting shall take place before the division director/designee. The division shall notify the agency of the date and time of the meeting. The meeting may be continued at the request of the agency, but the employment exclusion shall remain in effect pending the meeting. The meeting shall be informal, the rules of evidence shall not apply and both the agency and the division may submit any information relevant to the employment issues. The purpose of the meeting will be to determine the potential employee's suitability for employment based on the criteria listed in paragraphs 13 CSR 35-71.030(1)(A)4. and 5. above. Upon receipt of the final decision of the division, the agency may decide to accept the final decision or file petition for a hearing on administrative review pursuant to section (5) of this rule.

(B) The division shall provide written notice of denial or revocation of licensure to the agency, which shall include the reason(s) for the denial or revocation. Upon receipt of the notice of denial or revocation, the agency shall cease operation within *[five (5)] ten (10) business days* unless stayed by an appropriate administrative or judicial order, or a request for an administrative hearing is made before the expiration of the ten (10) business days from the date of the notice.

(D) Any person aggrieved by a decision of the division *[with regard to the denial or revocation of licensure]* to deny or revoke a license shall be entitled to a hearing *[and]* on administrative review *[by the director or his/her designee as provided by section 210.526, RSMo]* under section (5) of this rule.

(2) License Suspension *[and Suspension of Intake]*.

(A) The division shall have the authority to suspend the license of an agency when *[necessary to protect the health, safety and welfare of children:]*—

1. The division determines that the suspension of the license is necessary to protect the health, safety, and welfare of children who are or may be placed at the operating site; and

2. The division determines that one (1) or more of the criteria set out in section 210.496, RSMo and/or subsection (1)(A) of this rule may exist; and

3. The division has reasonable cause to believe that the agency will be able to develop and effectively implement a corrective action plan to resolve the concerns which gave rise to the suspension of the license.

(B) *[The division shall have the authority to suspend the intake of children into placement during prescribed time periods in order to assure the health, safety and welfare of children.]* The agency shall cease operations within ten (10) business days of the date the division issues an order suspending the license of the agency unless—

1. The agency files a written request for administrative review within ten (10) business days of the date of the order; or

2. The order is stayed by an appropriate administrative or judicial order.

[(C) The division shall provide written notice of the suspension and the reason(s) for the suspension to the agency. Upon receipt of notice of suspension, the agency shall immediately cease operation pending review. In the event that intake only is suspended, the division shall provide written notice and the reasons for the suspension, including time frames and limitations on intake.]

(D) When the division suspends the license of an agency, the suspension shall be for a period not to exceed thirty (30) working days, or until there is an administrative review and decision by the director, whichever is first.]

(C) The order for suspension of the license shall be in writing. The order shall include:

1. The factual and legal basis for the order; and

2. Notification of the right of the agency to administrative review. The division may extend the order if there has been no substantial change in the circumstances since the entry of the original order or if there are new grounds for extension of the order.

(D) The division may reinstate a suspended license on its own motion or upon written application by the agency. The division may reinstate that license if the division determines that—

1. The agency has developed and successfully implemented a corrective action plan approved by the division to remedy the concerns which resulted in the license suspension; and

2. The agency meets all of the criteria for licensing; and

3. The division determines that suspension of the license is no longer necessary to protect the health, safety, and welfare of the children involved.

(3) Suspension of Intake.

(A) The division shall have the authority to suspend the authorization of the agency to admit additional children into placement during time periods proscribed by the division when the division determines that the agency is not in compliance with the requirements of section 210.496, RSMo and/or subsection (1)(A) of this rule and:

1. The addition of additional children to the agency is not in the best interests of the children already placed within the agency or who may be placed with the agency; and

2. Allowing the placement of additional children with the agency may pose a risk to the health, safety, and welfare of children already placed with the agency or who may be placed with the agency.

(B) The order for suspension of intake shall be in writing. The

order shall include:

1. The factual and legal basis for the order; and
2. Notification of the right of the agency to administrative review. The division may extend the order if there has been no substantial change in the circumstances since the entry of the original order or if there are new grounds for extension of the order. A suspension of intake shall proscribe the number of additional children which the agency is authorized to accept for placement, if any, but it shall not include a requirement that children currently placed with the agency shall be removed.

(C) If the division finds that suspension of intake prior to the opportunity for a hearing on administrative review is necessary to protect the health, safety, and welfare of children then the division has the option to make the order to suspend intake effective immediately upon delivery to the agency; otherwise the order shall be effective ten (10) business days from the date of the entry of the order unless—

1. The agency files a written request for administrative review within ten (10) business days of the date of the order; or
2. The order is stayed by an appropriate administrative or judicial order.

(D) If the division issues an order to immediately suspend intake the division shall schedule an informal meeting to review the decision with the agency as soon as practicable. The meeting shall take place before the director or his/her designee. The division shall notify the agency of the date and time for the meeting. The meeting may be continued at the request of the agency, but the order shall remain in effect pending the meeting. The meeting shall be informal, the rules of evidence shall not apply and both the agency and the division may submit any information relevant to the issues in the case. The purpose of the meeting will be—

1. For the division to determine whether there is probable cause to find that a suspension of intake is necessary to protect the best interests of the children placed with the agency or who may be placed with the agency pending a fair hearing on administrative review pursuant to section (4), below; and
2. To afford the agency an opportunity to informally provide information relevant to the division's decision and to request relief from the entry of the order.

(E) If the division finds after the meeting that there is probable cause to continue the suspension of intake pending hearing on administrative review the division shall expedite the hearing on administrative review; otherwise the suspension of intake shall be stayed pending hearing on administrative review.

(F) The division may rescind the order suspending intake on its own motion or upon written application by the agency. The division may reinstate the intake if the division determines that—

1. The agency has developed and successfully implemented a corrective action plan approved by the division to remedy the concerns which resulted in the suspension of intake; and
2. The agency meets all of the criteria for licensing; and
3. The division determines that the suspension of intake is no longer necessary to protect the health, safety, and welfare of the children.

(4) Emergency Order Against an Existing License.

(A) The division may issue an order immediately suspending a license prior to a hearing on administrative review when the division finds that there is probable cause to believe that—

1. There is an imminent risk of immediate and significant harm to the health, safety, or welfare of children who are placed or who may be placed with the agency; and
2. The risk is such that the health, safety, or welfare of the children may be at risk if the division's emergency action does not become effective before the agency is afforded an opportunity for a hearing.

(B) The division's findings under this section must be made in

writing and set out in the order. The order shall notify the agency of its right to request administrative review and of its right to an informal meeting.

(C) If the division issues an emergency order against a license under this section the division shall schedule an informal meeting to review the decision with the agency as soon as practicable. The meeting shall take place before the director or his/her designee. The division shall notify the agency of the date and time for the meeting. The meeting may be continued at the request of the agency, but the order shall remain in effect pending the meeting. The meeting shall be informal, the rules of evidence shall not apply and both the agency and the division may submit any information relevant to the issues in the case. The purpose of the meeting will be—

1. For the division to determine whether there is probable cause to find that an emergency exists which requires continuation of the division's action pending a hearing on administrative review pursuant to section (5) below; and
2. To afford the agency an opportunity to informally provide information relevant to the division's decision and to request relief from the entry of the order.

(D) If the division finds after the meeting that there is probable cause for the emergency action and continues the suspension in effect the division shall refer the matter for a hearing on administrative review, otherwise the suspension of the license shall be stayed pending hearing on administrative review.

(5) Hearing on Administrative Review.

(A) The agency which is aggrieved by the decision of the division, (including, but not limited to a decision to deny a variance, to suspend intake, suspend a license, deny a license application, or revoke an existing license) shall have the right to a hearing on administrative review of the division's decision.

(B) The division shall provide written notice to the agency of its adverse action against the license of an agency. The notice shall—

1. Inform the agency of the nature of the decision;
2. State the factual and legal basis for the division's action;
3. State the effective date of the action, if applicable; and
4. Notify the agency of its right to seek administrative review.

(C) To request a hearing the agency shall submit a written request for administrative review within ten (10) business days of the decision of the division. The request for administrative review shall set forth the basis of the agency's objection to the division's decision.

(D) Unless otherwise provided in this rule, the division's action shall be stayed pending the entry of an order after hearing on administrative review if the agency request administrative review of the division's decision within ten (10) business days of the date of the notice of the division's action.

(E) If the agency requests a hearing the division shall hold an administrative hearing. The hearing shall be held by the director or the director's designee.

(F) Upon receipt of the final decision of the division, the agency can decide to accept the final decision or file petition for judicial review pursuant to sections 210.526 and 536.100 through 536.140, RSMo.

AUTHORITY: sections 210.506 and 210.526, RSMo 2000. This rule originally filed as 13 CSR 40-71.030. Original rule filed Nov. 9, 1978, effective Feb. 11, 1979. For intervening history, please consult the Code of State Regulations. Amended: Filed Dec. 16, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Children's Division, Tim Decker, Acting Director, PO Box 88, Jefferson City, MO, 65103. To be considered, comments must be received within thirty (30) days after publication of this notice in the *Missouri Register*. No public hearing is scheduled.

Title 13—DEPARTMENT OF SOCIAL SERVICES
Division 35—Children's Division
Chapter 71—Licensing Rules for Residential [Child Care Agencies] Treatment Agencies for Children and Youth

PROPOSED AMENDMENT

13 CSR 35-71.035 Court Review and Dispositional Hearing. The division is amending the title of the chapter.

PURPOSE: This amendment changes the title of the chapter.

AUTHORITY: sections 210.481, [RSMo (1986) and] 210.486, and 210.506, RSMo [(Cum. Supp. 1993)] 2000. This rule originally filed as 13 CSR 40-71.035. Emergency rule filed Nov. 1, 1993, effective Nov. 12, 1993, expired March 11, 1994. Emergency rule filed March 2, 1994, effective March 12, 1994, expired July 9, 1994. Original rule filed Nov. 1, 1993, effective June 6, 1994. Moved to 13 CSR 35-71.035, effective Oct. 30, 2008. Amended: Filed Dec. 16, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Children's Division, Tim Decker, Director, PO Box 88, Jefferson City, MO, 65103. To be considered, comments must be received within thirty (30) days after publication of this notice in the *Missouri Register*. No public hearing is scheduled.

Title 13—DEPARTMENT OF SOCIAL SERVICES
Division 35—Children's Division
Chapter 71—Licensing Rules for Residential [Child Care Agencies] Treatment Agencies for Children and Youth

PROPOSED AMENDMENT

13 CSR 35-71.040 Organization and Administration. The division is amending the title of the chapter, sections (1)–(3), and adding new section (3), renumbering current parts of section (2) to section (4), and renumbering section (3) as section (5).

PURPOSE: The Children's Division is amending board criteria related to names, addresses, place of employment, clarification of voting board member being not employed by the agency, at least one (1) quarterly board meeting is to be held at the operating site, ensuring that no unrelated business is established at the operating site without providing the division with a written request and receiving permission from the division, financial management when an agency makes five hundred thousand dollars (\$500,000) or more or less than five hundred thousand dollars (\$500,000), bonding of certain staff, required

insurance, and the governing body being responsible for maintaining adequate funds for the operation of the agency.

(1) Each agency shall be incorporated and shall submit to the division its [A/articles of [I]/incorporation and [C/certificate of [I]/incorporation.

(2) An agency shall have a governing body responsible for establishing its policies, determining its programs, guiding its development, and providing its leadership. [Voting members of the board of directors shall not be employed by the agency. The governing body shall be responsible for—] A list of the names, addresses, and place of employment of the current members of the governing board shall be kept on file at the agency and available for review.

(3) Voting members of the board of directors shall not be employed by and/or do not receive financial compensation from the agency. Any employee who serves as a member of the board of directors shall sign a statement acknowledging his/her understanding of and agreement with this rule. Such statement shall be part of the personnel file.

(4) The governing body shall be responsible for—

(A) Developing and maintaining a program of orientation and training for all new members of the governing body;

(B) Determining the size, selection, function, and organization of the governing body;

(C) Keeping minutes of each meeting of the governing body, which shall reflect its actions pertaining to and affecting the care and safety of children;

(D) Meeting as often as necessary, but at least four (4) times a year, to conduct the business of the agency, at least one (1) of which shall be held at an operating site;

(E) Conducting an on-site visit to each [facility] operating site annually by at least a committee of the governing body;

(F) Ensuring an agency's continuous compliance with Missouri law and applicable licensing rules;

(G) Ensuring the agency's continuous compliance with all applicable federal, state, or local laws or regulations governing the operation of the agency;

(H) Ensuring that an agency's standards of practice shall be professional, ethical, and responsive to client needs;

(I) Appointing the executive director and delegating responsibility to the director to administer the agency in all of its activities, functions, and services;

(J) Performing and retaining a written evaluation of the executive director on an annual basis;

(K) Providing the division a written statement which sets forth the kind and extent of authority delegated to the executive director;

(L) Ensuring that all [facilities] operating sites are maintained, staffed, and equipped to implement the agency's program effectively;

(M) Making available for review by the division the written policies and procedures of the agency, and evaluating the policies and procedures biennially to determine that the interests of children and families are being served;

(N) Meeting with division staff when requested;

(O) Providing written notification to the division within five (5) working days when there is a change of executive directors, board president, or the organizational structure of the agency; [and]

(P) Reporting a criminal act of an employee in the performance of employment duties to law enforcement and/or the prosecuting attorney and providing immediate oral report followed by a written report to the division five (5) working days after the occurrence of the criminal act that specifies the agency's corrective action plan./; and

(Q) Ensuring that no unrelated business is established at the licensed agency operating site without providing the division with a written request and receiving written permission from the division.

~~[(3)](5)~~ Financial Management.

(A) The governing body shall approve an annual budget which shall be on file at the agency and submitted to the licensing unit~~./~~;

(B) **If an agency has annual gross revenues of five hundred thousand dollars (\$500,000) or more, [7]the agency shall be audited annually by an independent certified public accountant and a copy shall be submitted to the division. Agencies with an annual gross income of less than five hundred thousand dollars (\$500,000) shall provide documentation of an annual financial review;**

(C) The treasurer, administrator, and any other persons handling funds shall be bonded, as determined by the governing body;

(D) **The governing body shall ensure that insurance for public liability, workers compensation, fire and disaster insurance on the property, and agency vehicles is maintained; and**

(E) **The governing body shall be responsible for providing and maintaining adequate funds for the operation of the agency.**

AUTHORITY: section 210.506, RSMo 2000. This rule originally filed as 13 CSR 40-71.040. Original rule filed Nov. 9, 1978, effective Feb. 11, 1979. For intervening history, please consult the Code of State Regulations. Amended: Filed Dec. 16, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Children's Division, Tim Decker, Director, PO Box 88, Jefferson City, MO, 65103. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

Title 13—DEPARTMENT OF SOCIAL SERVICES Division 35—Children's Division Chapter 71—Licensing Rules for Residential [Child Care Agencies] Treatment Agencies for Children and Youth

PROPOSED AMENDMENT

13 CSR 35-71.045 Personnel. The division is amending the title of the chapter and sections (1)–(6).

PURPOSE: The Children's Division is amending the background check process, medical examination criteria, signature, and date on certain personnel documents, documentation of certain staff training, timing of staff orientation, additional staff training topics, and the documentation of staff training.

(1) General Requirements.

(C) The agency shall require that each employee, *[student, intern, volunteer, and any contracted personnel [who have direct contact with children to] secure and provide to the agency [an annual] upon initial employment and annually thereafter, a child abuse/neglect and criminal background screening utilizing the [F]family [C]care [S]safety [R]registry from the Department of Health and Senior Services.*

(D) Any employee who resides in another state and works in the state of Missouri, or who has relocated to the state of Missouri within the last five (5) years, shall provide documentation of background screening(s) from those states to include, but not limited to, child abuse/neglect and criminal background screening check(s). When an employee who lived in another state or states within the last five (5) years now resides in the state of Missouri, the documentation of child

abuse/neglect and criminal background screenings check(s) from the previous state(s) only needs to be completed upon initial employment. If the employee continues to reside in another state, the out-of-state check shall be done annually. An agency shall exclude from employment *[(effective the date this rule is filed)] (effective August 4, 2008)* staff who are found guilty, plead guilty, or plead no contest to felony crimes against persons as specified in Chapters 565, 566, 567, 568, and 573, **and (effective the date of this amendment) felony possession, delivery, distribution, manufacturing, or production of controlled substance crimes as specified in Chapter 195 RSMo, or the same serious crimes against persons regardless of the state or country in which the crime was committed and/or court adjudicated, probable cause, and/or preponderance of evidence child sexual abuse and/or serious child physical abuse and/or serious child neglect. An agency shall also exclude from employment persons who are on the respective Department of Health and Senior Services and/or the Department of Mental Health lists that exclude child or adult care employment and/or licensure.**

(F) Prior to the employment of any person for a position requiring credit hours, a degree, or both from an accredited college or university, a resume and an official college transcript, or a copy of the diploma, shall be on file at the agency. Any person employed in a position requiring general educational development *[(GED)]* certificate or high school diploma shall provide documentation of such within thirty (30) days of employment.

(I) All references shall be **contacted and** documented by the agency with letters or verification in the record of verbal contacts, providing the date, person making the contact, and the content of the contact.

(2) Medical Examinations.

(A) *[All persons employed by an agency who work directly with children]* **All employees, interns, volunteers, and contracted personnel** shall be free of signs of highly communicable disease or other evidence of ill health which poses a threat to children. This shall be verified by a *[physical]* **medical** examination by a licensed physician, certified nurse practitioner, advanced practice nurse in a collaborative practice agreement with a licensed physician, or a registered nurse who is under the supervision of a licensed physician before employment, or within ten (10) days following employment, and biennially thereafter.

(B) Medical examinations *[reports]* shall include *[a tuberculin skin test, a chest X ray, or appropriate follow-up of a previous examination that indicates the individual is free of contagion.]* **tests and/or procedures that indicate they are free from communicable disease including, but not limited to, tuberculosis and hepatitis when recommended by a licensed physician.**

(C) Staff shall be free of any conditions which would adversely affect their ability to care for, **or pose a threat [children or pose a threat]** to children.

(3) Personnel Records. Personnel records shall be maintained for each *[staff member,]* **employee, intern, volunteer, and contracted employee** as indicated below.

(A) For an employee, the personnel record shall include—

1. Verification of education and experience, and a copy of professional license, if applicable;

2. Verification of the names of three (3) persons, unrelated to the staff member, who can provide character references;

3. Verification of employer references for the past five (5) years and a history of any previous employment in child care settings;

4. A copy of the job description signed **and dated** by the employee;

5. Reports of initial and biennial medical examinations that indicate that they *[are]* **appear to be free from communicable disease[, including, but not limited to, tuberculosis and hepatitis];**

6. Results of annual checks of the *[F]family [C]care [S]safety [R]registry;*

7. Results of background screenings from other states in which employees have resided and/or have lived or worked within the past five (5) years, including an annual out-of-state check if the person resides in another state;

8. The date of employment, date of separation, reason(s) for separation;

9. Copies of an initial six (6) months' performance evaluation and each subsequent annual evaluation;

10. Results of an annual driver record check for any employee, *[student]* intern, volunteer, and any contracted personnel who transport/s/ residents;

11. A **signed and dated** copy of the *[signed]* confidentiality statement;

12. A **signed and dated** copy of the *[signed]* discipline policy;

13. A **signed and dated** copy of the *[signed]* mandated child abuse/neglect reporting policy;

14. A **signed and dated** copy of an *[signed]* acknowledgement of receipt of program and personnel policies;

15. A signed and dated copy of the *[signed]* acknowledgment of completed agency orientation; *[and]*

16. Documentation of staff training*[/i];*

17. **Documentation of current first aid/cardio pulmonary resuscitation training and certification; and**

18. **Documentation of current medical aid certification, when applicable.**

(B) *[Students]* Interns, *[V]*volunteers, and *[C]*contracted *[E]*mployees who have direct contact with children shall include—

1. Copy of professional credentials (if applicable);

2. Documentation of initial and biennial medical examinations that indicates that they are free from communicable disease including, but not limited to, tuberculosis and hepatitis;

3. Results of annual checks of the *[F]*family *[C]*are *[S]*safety *[R]*egistry;

4. Results of background screenings from other states in which *[students]* interns/volunteers who have direct contact with children have resided and/or have lived or worked within the past five (5) years, including an annual out-of-state check if the person resides in another state;

5. A **signed and dated** copy of the contract or any agreement outlining purpose of presence on site;

6. A **signed and dated** copy of the *[signed]* confidentiality policy;

7. A **signed and dated** copy of the *[signed]* discipline policy;

8. A **signed and dated** copy of the mandated child abuse/neglect reporting policies;

9. A **signed and dated** copy of the acknowledgement of receipt of policies related to their agreement/contract; and

10. Documentation of staff orientation participation.

(4) Job Descriptions. An agency shall establish a written job description for each position, which shall be made available to staff at the time of employment. Each description shall describe the duties and responsibilities of the position; address supervision, required knowledge, skills and abilities, minimum experience, educational requirements; and shall include examples of work performed. **Each employee shall be given a copy of the job description for his/her position. A copy of the job description shall be signed and dated by the employee and placed in his/her file.**

(5) Staff Orientation. Immediately before or **within one (1) week** following appointment, an *[staff member]* employee, **intern, volunteer, and any contracted personnel** shall be oriented to the agency's programs, practices, and the duties and expectations of his/her position. The orientation program shall include, but not be limited to:

(N) The procedure for identifying and reporting child abuse or neglect, or both, in accordance with sections 210.110–210.165, RSMo; *[and]*

(O) Agency recreation program philosophy, policy, procedures, rules, and expectations*[/i];*

(P) **Legal rights of children and their families, including basic information on the constitutional rights of children and their families while children are in care and basic information on the Missouri juvenile justice system; and**

(Q) **Procedures to follow in an emergency.**

(6) Staff Training.

(A) An agency shall establish and submit to the licensing unit an annual written plan *[for at least forty (40) hours]* of training each year for *[the executive director, child care staff, professional staff, and recreation and activity staff. All training must be documented with the dates, location, the subject, and the name of the person(s) who conducted the training. The training may include, but not be limited to, short-term courses, seminars, institutes, workshops, and in-service training provided on-site by qualified professionals.]* **all employees and contracted personnel.**

1. **Employees and contracted personnel shall have forty (40) hours of training during the first year of employment and forty (40) hours annually each subsequent year; and**

2. **Direct care staff and immediate supervisors must maintain certification in a certified medication training program, crisis management, a current recognized and approved physical restraint program (where applicable), first aid, and cardio pulmonary resuscitation.**

(B) *[The training plan shall include, but not be limited to:*

1. *Developmental needs of children;*

2. *Child management techniques;*

3. *Basic group dynamics;*

4. *Appropriate discipline, crisis intervention, de-escalation techniques, and behavior management techniques;*

5. *The direct care and professional staff roles in the facility;*

6. *Interpersonal communication;*

7. *Proper, safe methods and techniques of restraint;*

8. *First aid and cardiopulmonary resuscitation (CPR) training; and*

9. *Suicide prevention.] All training must be documented on a training database/training log with the dates, location, subject, number of hours earned and person(s) who conducted the training.*

(C) The training may include, but not be limited to, short-term courses, seminars, institutes, workshops, and in-service training provided on-site by qualified professionals. Activities related to supervision of the staff member's routine tasks shall not be considered training activities for the purpose of this rule.

(D) The training plan shall include, but not be limited to:

1. **Developmental needs of children;**

2. **Child management techniques;**

3. **Basic group dynamics;**

4. **Appropriate discipline, crisis intervention, de-escalation techniques, and behavior management techniques;**

5. **The direct care and professional staff roles in the operating site;**

6. **Interpersonal communication;**

7. **Proper, safe methods, and techniques of physical restraint;**

8. **First aid and cardio pulmonary resuscitation training;**

9. **Medication training and/or certification;**

10. **Suicide prevention;**

11. **Legal rights of children and their families, including basic information on the constitutional rights of children and their families while children are in care and basic information on the Missouri juvenile justice system; and**

12. **Water safety for those agencies allowing water activities.**

AUTHORITY: section 210.506, RSMo 2000. This rule originally filed as 13 CSR 40-71.045. Emergency rule filed Nov. 1, 1993, effective Nov. 12, 1993, expired March 11, 1994. Emergency rule filed March 2, 1994, effective March 12, 1994, expired July 9, 1994. Original rule filed Nov. 1, 1993, effective June 6, 1994. Emergency amendment filed July 25, 2008, effective Aug. 4, 2008, expired Jan. 30, 2009. Moved to 13 CSR 35-71.045 and amended: Filed July 25, 2008, effective Jan. 30, 2009. Amended: Filed Dec. 16, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Children's Division, Tim Decker, Director, PO Box 88, Jefferson City, MO, 65103. To be considered, comments must be received within thirty (30) days after publication of this notice in the *Missouri Register*. No public hearing is scheduled.

Title 13—DEPARTMENT OF SOCIAL SERVICES
Division 35—Children's Division
Chapter 71—Licensing Rules for Residential [Child Care
Agencies] Treatment Agencies for Children and Youth

PROPOSED AMENDMENT

13 CSR 35-71.050 Staff Qualifications and Requirements. The division is amending the title of the chapter and sections (1)–(4), (6)–(8), (11), and (12).

PURPOSE: The Children's Division is amending qualifications for an executive director of an agency, qualifications for professional staff, the need for a nurse in the event an agency serves certain populations, the need for direct care staff to demonstrate competence in five (5) key areas, staff/child ratios that enhance child safety, criteria for a direct care staff supervisor, enhancement of educational staff requirements, clarification of the need for a supervisor when a volunteer is counted toward staff/child ratio, and criteria for the approval of a visiting resource.

(1) Employee Qualifications.

(A) The agency shall employ staff who are qualified by education, training, and experience for their assigned responsibilities. A current employee who has qualified for a position under the previous rule and is serving in that position shall be exempt from meeting any increased requirements defined by these rules.

(2) Administrative and Supervisory Personnel.

(B) When *[non]*indirect care functions have been approved by the division and are combined, the staff member shall meet the requirements for each function.

(C) The administrator shall be at least twenty-five (25) years of age and shall have one (1) of the following:

1. A master's degree in social work, counseling, social work administration, or a related human service degree, from an accredited school and two (2) years' experience in the management or supervision of child care personnel and programs;

2. A bachelor's degree in social work or a human service area of study from an accredited school and four (4) years' experience in the management or supervision of *[child care]* residential treatment for children and youth personnel and programs; or

3. If the administrator/executive director is responsible only for personnel, fiscal management and physical *[facilities]* plants,

and is not responsible for the programs and services of the *[institution]*, agency, the *[institution]* agency may employ an administrator who has a bachelor's degree from an accredited school and two (2) years' experience in *[child care services]* residential treatment for children and youth services. However, in this case, the agency shall employ a program director who meets the qualifications set forth in *[13 CSR 40-71.070(2)(C)1]* 13 CSR 35-71.130(1)(A)1. and 2.

(D) When the position of administrator/executive director is vacated, the governing body immediately shall designate a qualified person to act as administrator/executive director and the board president/designee shall notify the licensing unit in writing within five (5) working days.

(E) The administrator/executive director shall designate in writing a qualified staff to be in charge when s/he is absent.

(F) The program director shall have one (1) of the following:

1. A master's degree in social work or a human service area of study from an accredited school; or

2. A bachelor's degree in social work or a human service area or study from an accredited school plus two (2) years' experience in *[child care]* residential treatment for children and youth services.

(3) Professional Personnel.

(B) Professional staff who perform casework, *[or]* group work tasks, *[counseling with children and their families, therapeutic services,]* or planning of services for children and their families, *[shall]* will have *[a master's degree]* at least a bachelor's degree in social work, psychology, counseling or a *[closely]* related *[clinical field]* from an accredited college. *[Staff may have a bachelor's degree in social work, psychology, counseling or a related area of study from an accredited school if s/he is under the direct supervision of a person with a master's degree in social work, psychology, recreation and expressive therapies, counseling or a closely related clinical field.]* Professional staff performing individual and/or family therapy shall have a master degree in social work, psychology, counseling, or closely related field of study from an accredited college.

(E) The agency shall designate a supervisor for professional staff when six (6) or more staff are employed. The supervisor shall have a master's degree in social work, psychology, counseling, or closely related field of study and at least two (2) years' clinical experience.

(F) Agencies, who by mission, serve a medically fragile and/or drug and alcohol affected population shall employ or contract with and schedule a licensed nurse for not less than twenty (20) hours per week. At least one (1) staff shall be present at all times who is trained in infant/child cardio pulmonary resuscitation.

(4) Direct Care Staff-Staff/Child Ratios.

(A) Direct care staff shall be responsible, mature individuals of reputable character who exercise sound judgment, *[and]* display the capacity to provide good care *[for]* and supervision of children and must demonstrate competence in their duties in the following areas~~./~~:

1. Protecting and nurturing children;
2. Meeting child developmental needs and addressing child developmental delays;
3. Supporting relationships between children and families;
4. Working as a member of a professional team; and
5. Supporting children with lifetime relationships.

(B) Direct care staff shall be at least twenty-one (21) years of age and shall have at least a high school diploma or general educational development *[GED]* certificate. A staffing plan shall be developed which allows for consistency of care through communication between different shifts of care regarding activities or special needs or problems of children.

(C) The ratio of direct care staff to children shall be dependent on the needs of the children, but the staff/child ratio during waking

hours shall not be less than one to four (1:4) **for children birth to [infants and children through] six (6) years of age.**

(D) The staff/child ratio during waking hours shall not be less than one to six (1:6) for children six (6) to eight (8) years of age.

(E) The staff/child ratio during waking hours shall not be less than one to ten (1:10) for children eight (8) years of age and over.

[(G)](F) Staff in agencies serving children ages birth through six (6) years shall be awake during sleeping hours with a ratio of not less than one to six (1:6).

[(F)](G) For children *[over six (6) years of age,] ages six (6) to eight (8) years of age*, the staff/child ratios during sleeping hours, for staff on duty but asleep, shall not be less than one to *[twelve (1:12)] ten (1:10)*. If staff on duty remain awake, a ratio of not less than one to *[twenty (1:20)] twelve (1:12)* shall be required.

(H) *[Any children of live-in staff shall be included in the required staff/child ratios.]* For children over eight (8) years of age, the staff/child ratios during sleeping hours, for staff on duty but asleep, shall not be less than one to ten (1:10). If staff on duty remain awake, a ratio of not less than one to twelve (1:12) shall be required.

Reference Chart

The ratio of direct care staff to children shall be dependent on the needs of the children.

| Age Range | Level of Care | Direct Care Staff to Resident Ratio | |
|------------------|---------------|-------------------------------------|--|
| | | Awake | Asleep |
| Birth to 6 years | Basic Core | One (1) staff per four (4) children | One (1) staff per six (6) children. Staff must remain awake. |
| 6-8 years | Basic Core | One (1) staff per six (6) children | One (1) staff per ten (10) children (If the staff is on duty, but also sleeping). Or One (1) staff per twelve (12) children (if staff on duty remain awake). |
| Over 8 years | Basic Core | One (1) staff per ten (10) children | One (1) staff per ten (10) children (If the staff is on duty, but also sleeping). Or One (1) staff per twelve (12) children (if staff on duty remain awake). |

(I) *[The division may require a higher staff/child ratio if on-site review indicates a need for more supervision to maintain control, discipline and adequate care, or the division may approve a lower staff/child ratio if onsite review indicates adequate care, discipline and control can be maintained at a lower staff/child ratio]* Agencies must have two (2) staff available at all times, even if their staff/child ratio is lower than required above. One (1) staff may be sleeping, but available for emergency situations. When an agency has multiple cottages/units on campus or in a large congregate care setting, an awake, roving, staff may serve the purpose of maintaining the required staff/child ratio by maintaining a presence in the cottages/units on a rotating, regular, and timely basis.

(J) *[Staff/child ratios shall be maintained at all group off-grounds activities]* Appropriate staff/child ratios must be maintained at all times.

(K) *[Agencies employing twelve (12) or more direct care staff shall designate staff to be primarily responsible for supervising, evaluating and monitoring the daily work and progress of the direct care workers who shall have one (1) of the following:*

1. A bachelor's degree and one (1) year of work experience in a residential care agency;
2. Two (2) years' college and two (2) years' work experience in a residential care agency; or
3. A high school diploma and four (4) years' work experience in a residential care agency.] Any children of live-in staff shall be included in the required staff/child ratios.

(L) The division may require a higher staff/child ratio if on-site review indicates a need for more supervision to maintain control, discipline, and adequate care, or the division may approve a lower staff/child ratio if onsite review indicates adequate care,

discipline, and control can be maintained at a lower staff/child ratio.

(M) Staff/child ratios shall be maintained at all group off-grounds activities.

(N) Agencies employing twelve (12) or more direct care staff shall designate staff to be primarily responsible for supervising, evaluating and monitoring the daily work and progress of the direct care workers who shall have one (1) of the following:

1. A bachelor's degree and one (1) year of work experience in a residential treatment agency for children and youth;

2. Two (2) years' college and two (2) years' work experience in a residential treatment agency for children and youth; or

3. A high school diploma and three (3) years' work experience in a residential treatment agency for children and youth.

(6) *[Students] Interns.* Graduate or undergraduate *[students] interns* in a field work placement at the agency shall be subject to the general personnel policies of the agency, but shall not be considered or used as substitutes for employed staff.

(7) Educational Staff. An agency operating an on-grounds school shall demonstrate compliance with the Missouri State Department of Elementary and Secondary Education certification requirements **for teachers/administrators/counselors.**

(8) Recreational and Activity Staff.

(A) The *[administrator]* **agency** shall develop and coordinate the agency's recreational and activity programs *[using]* **by designating** staff qualified by experience, education or training, or both, or certified to carry out the program outlined in the recreation plan.

(B) An agency shall assign recreational/**activity** staff on basis of experience, **education, and/or training** in working with groups of children whose recreational needs and interests vary. **Additional training shall be provided for this staff to enhance his/her ability to perform his/her assigned duties.**

(11) Volunteers. If an agency uses volunteers as part of its program of services, the agency shall have written policies which include:

(C) A clear differentiation of functions and activities appropriate for paid staff members and volunteers in policy-making, advocacy, administrative, and direct service roles~~[/].~~ **If volunteers are counted toward the staff/child ratio, an agency supervisory employee must be present and available at the operating site;**

(12) Visiting Resources.

[(A) An agency shall have written policies for the use of visiting resources which are approved by the division. The policies shall be made available to a child's parent(s), guardian or legal custodian and to the child when appropriate.

[(B) The agency shall request from the division a check of the Child Abuse and Neglect Central Registry Unit (CRU) to determine whether a child abuse or neglect report, or both, has been received on all visiting resources. Results of the CRU checks shall be on file at the agency.] (A) Visiting resources shall be approved by individual resident's parent(s), legal guardian, or legal custodian.

AUTHORITY: sections 210.481, 210.486, 210.506, and 210.511, [RSMo (1986), and] RSMo [(Cum. Supp. 1993)] **2000.** This rule originally filed as 13 CSR 40-71.050. Original rule filed Nov. 9, 1978, effective Feb. 11, 1979. For intervening history, please consult the *Code of State Regulations*. Amended: Filed Dec. 16, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private enti-

ties more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Children's Division, Tim Decker, Director, PO Box 88, Jefferson City, MO, 65103. To be considered, comments must be received within thirty (30) days after publication of this notice in the *Missouri Register*. No public hearing is scheduled.

Title 13—DEPARTMENT OF SOCIAL SERVICES Division 35—Children's Division Chapter 71—Licensing Rules for Residential *[Child Care Agencies]* Treatment Agencies for Children and Youth

PROPOSED AMENDMENT

13 CSR 35-71.060 Social Services Program. The division is amending the title of the chapter and sections (1)–(4).

PURPOSE: *The Children's Division is amending the admissions process to include the emotional/behavioral needs of children, planned instead of non-emergency admissions, recognition in the assessment if a child needs a more restrictive setting, all medical and health related documentation is held in confidence consistent with federal and state statute, clarification of criteria for a child's medical examination, a medical examination for a child within ten (10) days after admission instead of seventy-two (72) hours, a dental examination within three (3) months of admission, the written placement agreement is signed and dated, enhanced topics of discussion regarding the agency that include the child, when age appropriate, enhanced process for treatment (instead of service) plan that involves the key stake holders, and enhanced discharge plan.*

(1) Intake and Admission.

(B) Admission Policies.

1. The agency shall have current, clearly written admission policies and criteria describing the age, sex, and *[type]* **emotional/behavioral needs** of child/**ren** served; and

2. A copy of the admission policies must be submitted to the licensing unit with the application for the initial license and at any time changes are made in the admission policies.

(C) Admission Procedures.

1. An admission assessment must be completed for each child indicating that the placement meets the child's needs and best interests—

A. For *[nonemergency]* **planned** admissions, the admission assessment must be completed before a child is accepted for care; and

B. For emergency admissions, the admission assessment must be completed within five (5) days of admission.

C. If the assessment of the child indicates a need for a more restrictive environment, the agency shall contact the child's treatment team, case manager, legal guardian, and/or legal custodian to plan for the child's placement in a more appropriate facility.

2. The admission assessment must be in writing and include specific information on—

A. The circumstances which led to the child's referral;

B. The immediate and long-range goals of placement;

C. The child's family and his/her relationship with family members;

D. The child's relationships with other adults and children;

E. The child's behavior, including appropriate and maladaptive behavior;

F. The child's medical history, including any current medical problems **ensuring medical and all health related documentation is held in confidence consistent with applicable federal and state**

law;

G. The child's developmental history and current level of functioning;

H. The child's school history including current educational level, special achievements and any school problems;

I. The history of any other placements outside the home, including the reasons for placement;

J. An evaluation of the child's special needs and strengths in the following areas: physical, familial, educational, social and psychological;

K. The parent's or legal guardian's expectations for placement, family involvement and the duration of the child's stay in care; and

L. The child's understanding of placement.

3. Children must have a medical examination **that includes tests for communicable diseases including, but not limited to tuberculosis and hepatitis when recommended** by a licensed physician, certified nurse practitioner, advanced practice nurse who is in a collaborative practice agreement with a licensed physician, or a registered nurse under the supervision of a licensed physician, within thirty (30) days before or *[seventy-two (72) hours]* **ten (10) days** after admission. A copy of the medical examination report and findings, signed and dated by the physician, must be in the child's record.

4. Children must have a dental examination by a licensed dentist within one (1) year before admission or arrangements must be made for an examination *[after admission]* **within three (3) months after admission. [If the examination is done after admission, a copy of the examination report and findings must be in the child's record within three (3) months of admission.]**

[5. Children must be tested for tuberculosis according to the recommendations of the state or local public health authorities.]

*[6.]*5. A written placement agreement between the agency and the child's parent(s) or guardian must be completed at or before placement. A copy of the placement agreement must be in the child's record. The placement agreement must include authorization to care for the child and a medical consent form signed **and dated** by a child's parent(s) or legal guardian authorized to give consent.

*[7.]*6. Information about the agency must be discussed with the child's parent(s) or guardian at or before admission. Written material about the agency must be given to the child's parent(s) or guardian **and child when age appropriate**. The following information must be included in the discussion and in the written material~~/~~:-

A. Rules regarding visits, mail, gifts, and telephone calls;

B. Discipline policies;

C. Policies regarding religious training; *[and]*

D. Rules regarding recreational activities~~/~~;

E. Policy regarding participation in treatment planning;

F. A copy of the treatment plan;

G. Copies of all signed and dated releases of information;

and

H. Health Insurance Portability and Accountability Act.

(2) Evaluation and Planning.

(A) *[Service]* Treatment Plan.

1. A preliminary written *[service]* treatment plan must be developed and documented in the child's record within *[seventy-two (72) hours]* **fifteen (15) days** of admission for each child admitted on an emergency basis. If the child remains in care beyond an initial thirty (30)-day plan, the plan must be modified to indicate the need for continued placement. The plan must be based on the admission assessment.

2. A written *[service]* treatment plan must be developed and documented in the child's record within fifteen (15) days of admission for each child admitted by plan for placement. The plan must be based on the admission assessment and observations of the child's

adjustment into care. **When drafting the treatment plan the agency shall consult with and involve all individuals and institutions which are parties to a juvenile proceeding involving the child or who may be necessary in preparing a treatment plan for the child, including, but not limited to: the child's legal custodian/guardian, the child's parent, the child (when appropriate), guardian *ad litem*, juvenile officer, children's division case manager, court appointed special advocate, as applicable to the individual child, and staff members who provide direct care, social services, education, recreation, and health services in developing and implementing the treatment plan for the child and family.**

3. The service plan must identify and include:

A. The child's needs in addition to basic needs for food, shelter, clothing, routine care, and supervision;

B. Specific strategies and their frequencies to meet the child's needs, including instructions to staff;

C. Specific strategies and frequencies for family involvement, including a defined plan for visitation and engaging the family in services for the child;

D. Specific strategies to meet the recreational and developmental needs of the child;

E. The estimated length of stay;

F. Time limited goals and preliminary plans for discharge, *[including plans for reintegration into family and community; and]* **that address permanency related to family reunification, termination of parental rights and adoption, placement with a fit and willing relative, legal guardianship, or another planned permanent living arrangement; and**

G. The date and signature of the *[treatment team coordinator]* **program director/qualified professional staff** and a signed and dated attendance sheet of all other participants. **Invited participants shall include, but not be limited to:**

(I) Legal custodian/guardian;

(II) Parent;

(III) Child, as age/developmentally appropriate; and

(IV) Guardian *ad litem*/court appointed special advocate, as applicable to the individual child.

4. A copy or summary of the *[service]* treatment plan must be given to the child, when appropriate, and to the child's parents or legal guardian. If the plan is not shared with the child, the child's record must reflect justification for this decision.

5. An agency shall provide **and document in a child's record**, social services to each child at least two (2) times per month as required by treatment plan. Social services shall be provided to the child's family for whom reunification is the permanency goal and shall begin at placement. The family's participation or reasons for non-participation shall be documented.

6. The progress of a child and his/her family shall be evaluated at least every *[three (3) months]* **ninety (90) days from the date of admission**, and the service plan shall be modified when appropriate. In crisis placement, an evaluation shall be conducted at least every thirty (30) days. Evaluations shall be made by professional staff in consultation with other staff who have significant contact with the child, the parent(s), guardian, or legal custodian.

(B) *[Service]* Treatment Plan Review.

1. The *[service]* treatment plan review must include:

A. An evaluation of progress toward meeting the child's needs;

B. An evaluation of progress toward *[family reunification]* **the permanency goal;**

C. Any needs identified since the plan was developed or last reviewed and strategies to meet the needs, including instructions to staff; and

D. An update of the estimated length of stay and discharge plans, if changed.

2. The *[service]* review of the treatment plan *[review]* with the date and signature of the *[treatment team coordinator]* **program director/qualified professional staff** and a signed and dated

attendance sheet of all other participants in the review must be documented in the child's record.

3. Reports of the evaluations in summarized form shall be included in the child's record, and shall be shared with the parent(s), guardian, or legal custodian.

(3) Discharge from Care.

(F) The discharge plan must be tied to permanency goals related to family reunification, termination of parental rights and adoption, placement with a fit and willing relative, legal guardianship, or another planned permanent living arrangement.

(4) Discharge Summary. When a child in care is discharged, an agency shall complete a written discharge summary *[with]* within thirty (30) days of the date of discharge. This summary shall be included in the child's case record, and shall include:

[1.](A) The name, address, telephone number, and relationship of the person(s) or agency to whom the child is discharged;

[2.](B) A summary of services provided during care;

[3.](C) A summary of growth and accomplishments during care;

[4.](D) Reason for discharge; and

[5.](E) An identified aftercare plan which shall include cooperative efforts with the parent(s) or legal guardian to support the child's transition from placement into the family or community.

AUTHORITY: sections 210.481, [RSMo (1986) and] 210.486, and 210.506, RSMo [(Cum. Supp. 1993)] 2000. This rule originally filed as 13 CSR 40-71.060. Original rule filed Nov. 9, 1978, effective Feb. 11, 1979. For intervening history, please consult the *Code of State Regulations*. Amended: Filed Dec. 16, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Children's Division, Tim Decker, Director, PO Box 88, Jefferson City, MO, 65103. To be considered, comments must be received within thirty (30) days after publication of this notice in the *Missouri Register*. No public hearing is scheduled.

Title 13—DEPARTMENT OF SOCIAL SERVICES

Division 35—Children's Division

Chapter 71—Licensing Rules for Residential [Child Care Agencies] Treatment Agencies for Children and Youth

PROPOSED AMENDMENT

13 CSR 35-71.070 Protection and Care of the Child. The division is amending the title of the chapter, the purpose, and sections (1) and (2).

PURPOSE: The Children's Division is amending and expanding the meaning of an unusual incident, enhanced procedures with regard to staff reporting child abuse and neglect, enhanced procedures regarding an internal investigation, critical incident report, and corrective action plan, an agency shall have a centralized log of critical incidents, a signed and dated release form is needed regarding child photos and videotaping for the purpose of health, safety, welfare, enhanced supervision and/or other therapeutic purpose pursuant to the child's case plan when released, all discipline shall be consistent with the child's treatment/safety plan, an agency using physical restraint shall utilize a recognized physical restraint program

approved by the division, that agency shall maintain a centralized record when physical restraint is used that includes certain pertinent information, physical restraint may be used as a management method after all other verbal de-escalation measures have been exhausted, never to replace other more positive measures of control, within twenty-four (24) hours of each physical restraint incident, treatment staff shall debrief the incident with the resident, the agency administrator and/or program director (when physical restraint is used) shall review its use quarterly, provisions for corrective action in the event an agency does not meet all requirements for the use of physical restraint, the inclusion of emergency preparedness policy, working with the child's treatment team regarding transportation to important events related to the needs of a child, documentation of deposits and withdrawals for funds related to a child, the process of documenting and reporting a critical incident, enhancement of child personal hygiene, enhancement of a child inventory log, an agency shall provide a written description of its religious practices prior to admission, the agency shall be responsible for ensuring compliance with Missouri statutes pertaining to a child's education, if the educational resources of the local community do not meet the needs of the child in care or the child is excluded from school for behavioral or other reasons, the agency shall work closely with the local school to provide an appropriate education plan pursuant to section 210.1050, RSMo, at the time of discharge, a copy of the child's educational records/file shall follow the child, agency employees providing educational services shall meet the certification criteria established by the Department of Elementary and Secondary Education, enhancement of staff supervision of child water related activities, enhancement of life skills training for older youth, smoking policy consistent with Chapter 407 RSMo, and prohibition of certain practices that negatively impact children.

PURPOSE: This rule sets forth the provisions for protection of the child, including child abuse or neglect, or both, exploitation, confidentiality, discipline and control, physical restraint, **fire safety/emergency preparedness procedures**, transportation, work experience and allowances. Also, provision for the care of the child, including living arrangements, personal hygiene, clothing, food and nutrition, personal possessions, family identity, religious requirements, educational program, recreational and activity programs *[and]* transitional living services*[-]*, **smoking policy, and prohibition of practices with negative impact on residents.**

(1) Protecting the Child in Care. An agency shall submit an immediate oral report (**within six (6) hours**), to the division followed by a written report, within five (5) working days after the occurrence of an unusual incident, such as the death or **serious injury** of a child, alleged child abuse or neglect, **loss of any electricity, gas, water, telephone, or any other conditions affecting the health and safety of children for a period of longer than twelve (12) hours or requires the removal of residents, or [both, or a fire which required the services of the fire department.] any emergency that requires summoning first responders.**

(A) Protecting the Child in Care-Child Abuse or Neglect, or Both.

1. *[An agency shall have written procedures for any alleged incident of child abuse or neglect, or both, which shall include:*

A. *Reporting the alleged incident as required by the Child Abuse/Neglect Reporting Law, sections 210.110-210.165, RSMo;*

B. *Conducting an internal investigation of the alleged incident; and*

C. *Providing a written report to the licensing unit of the agency's internal investigation of the alleged incident.] The agency shall require each staff person to read and sign a statement defining child abuse and neglect and outlining responsibilities to report all child abuse and neglect incidents as required by statute.*

2. *If the safety of the children is threatened, as determined by the executive director, no person who is alleged as a perpetrator in an incident of child abuse or neglect, or both, shall work directly with children until an investigation is complete.* An agency shall have written procedures for any alleged incident of child abuse or neglect, or both, which shall include:

A. Reporting the alleged incident as required by the child abuse/neglect reporting law, sections 210.110-210.165, RSMo;

B. Conducting an internal investigation of the alleged incident; and

C. Providing a written report to the licensing unit of the agency's internal investigation of the alleged incident.

D. An internal investigation shall include, but not be limited to:

(I) Names of staff and residents involved;

(II) Date incident occurred;

(III) Date division notified;

(IV) A copy of the critical incident report including but not limited to: injury of a child during physical restraint; serious physical or sexual aggression by or toward the child; significant physical injuries requiring medical attention; allegations of sexual abuse; criminal conduct involving the child; elopement; attempted suicide; fire setting; child death; and information which must be reported to the child abuse and neglect hotline pursuant to section 210.115, RSMo;

(V) A summary of administrative interviews with staff and residents(s) to determine the situation;

(VI) Any action taken to protect the child(ren); and

(VII) Any immediate corrective action of any licensing violations or agency policy.

E. An internal investigation should be completed by an objective third party not involved in the incident, so as to avoid any potential for conflict of interest.

3. *If the investigation determines reason to suspect child abuse or neglect, or both, the agency shall submit a written report to the licensing unit, outlining corrective action taken by the agency. If the agency fails to take appropriate action to prevent future abuse or neglect, or both, the division may revoke the license.* If the safety of the children is threatened, as determined by the executive director, no person who is alleged as a perpetrator in an incident of child abuse or neglect, or both, shall work directly with children until an investigation is complete.

4. If the investigation results in an affirmative finding consistent with current statutory standard of proof the agency shall submit a written report to the licensing unit, outlining corrective action taken by the agency. If the agency fails to take appropriate action to prevent future abuse or neglect, or both, the division may deny, suspend, or revoke the license.

5. The agency shall create and maintain a centralized log of all critical incidents.

(C) Confidentiality.

1. An agency shall have written procedures for the maintenance and security of clients' records. This shall include a staff review of the procedures for confidentiality and a signed **and dated** statement indicating that staff have reviewed the procedures. The agency shall secure records against loss, tampering, or unauthorized use by—

A. Protection of the confidentiality of records when in use and keeping them under lock when not in use;

B. Staff and professional consultants seeking access only to the records with which they are professionally involved;

C. Staff not disclosing or permitting the disclosure of any information concerning the child or his/her family, directly or indirectly, to any unauthorized person; and

D. Staff being informed of the requirement that they must observe the procedures for protecting confidentiality after termination of employment.

2. Records shall be made available to the division or its authorized and identified agents, either upon written or verbal request. This includes division staff who are involved in child abuse/neglect reporting/investigation.

3. All requests for access to a child's records shall be documented in the record providing the name of the individual making the request, the date, and the desired materials. If access was refused, the grounds for refusal shall be documented.

4. A consent for release form signed **and dated** by the parent(s), legal guardian, or legal custodian must be provided before a child's records are released **or a child's photographs are displayed, or any video tape and/or audio recording of a child for the purpose of health, safety, welfare, enhanced supervision, and/or other therapeutic purpose pursuant to the child's case plan is released**, to any person other than those specified in these rules. The consent must specify what information may be released, to whom, for what purpose and for what period of time.

(D) Discipline and Control.

1. An agency shall have written policies regarding discipline, supervision, and behavior management, which shall be explained and made available to a child's parent(s), or guardian or legal custodian, or both, staff, and to the child. The procedures shall be with-in each child's ability to understand and achieve.

2. The policies shall identify the type of children served, describe the anticipated behavioral problems, set forth acceptable methods of dealing with the behaviors, and detail the required qualifications and training of staff. All discipline shall be consistent with the *[service/ treatment/safety]* plan developed for the resident.

3. All discipline shall be reasonable and appropriate to the child's age and level of development. All discipline shall be limited to the least restrictive appropriate method and administered by appropriately trained staff;

4. Encouragement and praise of good behavior shall be used instead of focusing on unacceptable behavior.

5. The agency shall have written policies and procedures prohibiting discipline which may adversely affect a child's health or physical or psychological well-being. A copy shall be given to all residents, families, staff and placing agencies. The following forms of discipline shall not be used:

A. Cruel and unusual punishment;

B. Excessive or inappropriate work;

C. Denial of meals, daily needs, and the program provided by the individual service plan;

D. Verbal abuse, ridicule, or humiliation;

E. Permission for a child to discipline another child;

F. Chemical restraints;

G. Mechanical restraints;

H. Denial of planned visits, telephone calls, or mail contacts with family **shall not be used as a consequence for negative behaviors**;

I. The use of foods intended to produce an adverse reaction;

J. Physical or emotional abuse;

K. Confinement in any space not designed for isolation and observation;

L. Requirement that a child remain silent for long periods of time or other unreasonable verbal restrictions;

M. Corporal punishment including, but not limited to, slapping, hitting, spanking, paddling, shaking, belting, marching, standing rigidly in one (1) spot, use of excessive physical exercises such as running laps or doing push-ups or any method which harms or endangers the child;

N. Locked isolation for the purpose of discipline;

O. Withholding of an opportunity for a minimum of eight (8) hours of sleep in a twenty-four (24)-hour period;

P. Withholding of shelter, clothing, essential personal needs, essential program services; or

Q. Withholding of meals, mail, allowances, or family visits.

(E) Physical Restraint.

1. All agencies using physical control techniques must have written policies defining the method of control; **utilizing a recognized physical restraint training program, approved by the division. The agency shall identify** *[ing]* persons used in implementing these methods; and establish *[ing]* the training required for these persons. These policies shall address the use of crisis intervention, including techniques to be used prior to physical restraint and include:

A. The use of two (2) staff, one (1) of whom is fully qualified;

B. An immediate notice to the supervisor; and

C. A written report to the administrator.

2. For agencies permitting the use of physical restraint, the administrator **and/or program director** shall review its usage at least quarterly.

3. **The agency shall maintain a centralized record when physical restraint is used, which shall include:**

A. The name of the child, the date and time the child was physically restrained;

B. The circumstances that led to the placement of the child in a physical restraint and the de-escalation attempts used to try to prevent the use of physical restraint;

C. The name of the staff person who initiated the physical restraint, the staff person(s) who assisted with the physical restraint and any other staff and/or residents who witnessed the physical restraint;

D. The amount of time the child remained in the physical restraint, any changes in the staff participation and the time of and reasons for release;

E. Documented behavioral observations of the child at each five (5) minute interval;

F. Specific notation of any extension of any physical restraints lasting longer than five (5) minutes including reasons for the extension;

G. Documentation of results of debriefing that includes recommendations of staff and resident for avoiding a similar situation; and

H. Documentation of any medical care provided to the child.

[3.]4. Physical restraint shall include all efforts to minimize the possibility of injury to a child.

[4.]5. All instances of physical restraint shall be documented on incident reports and filed in the child's record.

[5.]6. **Physical restraint may be used as a management method after all other verbal de-escalation measures have been exhausted, never to replace other more positive measures of control. Physical *[R]*restraint methods shall be used only to end disturbances that threaten physical injury to the child, physical injury to others, or to take from a child a dangerous object which the child has threatened to use against him/herself or against others *[or do serious property damage]*.**

[6.]7. An agency shall not use mechanical restraint.

[7.]8. Strap-boards, strait-jackets, or homemade restraint devices such as tape shall not be used.

9. **Within twenty-four (24) hours of each physical restraint incident, treatment staff shall debrief the incident with the resident.**

10. **For agencies permitting the use of physical restraint, the administrator and/or program director shall review its usage at least quarterly.**

11. **If the agency does not meet all the requirements for the use of physical restraint, the division shall give written notice of specific deficiencies and the agency shall not use physical restraint until corrections are made and approved by the division.**

(F) Fire Safety-Emergency Evacuation Procedure.

1. Each *[facility]* operating site shall be inspected biennially and shall be in compliance with the requirements of the State Fire

Marshal.

2. Written instructions for fire and other emergency evacuations shall be posted in a conspicuous place in each *[facility]* operating site. Children shall be instructed in evacuation procedures at the time of admission. An evacuation drill shall be held at least monthly, and a record of all drills shall be on file at each agency.

3. The agency shall train staff in fire prevention and to report fires and shall teach children fire safety.

4. The agency shall establish emergency preparedness policy, to include but not to be limited to:

A. Emergency contact information;

B. Evacuation procedures; and

C. Medication management during emergencies.

(G) Transportation.

1. General requirements.

A. The agency shall provide transportation as indicated by the individual needs of the children, for example, medical and dental appointments, educational or training programs, counseling, *[and]* family therapy, **and court proceedings. If the agency cannot, for any reason, transport a child to any required services, the agency shall work with the child's treatment team members, legal guardian, and/or legal custodian to make appropriate and timely arrangements.**

B. The agency shall be responsible for the care, safety, and supervision of children on field trips or at any time children are transported away from the *[facility]* operating site.

2. Vehicle and vehicle operator.

A. Staff transporting children shall have a valid driver's license as required by Missouri law.

B. All vehicles used to transport children shall be licensed and operated in accordance with Missouri law.

C. Children shall not be transported in campers, trailers, or in the back of trucks.

3. Safety and supervision.

A. All children shall be seated in a permanent seat and restrained by seat belts or child restraint devices as required by Missouri law.

B. Staff/child ratios shall be maintained at any time the agency transports children away from the *[facility]* operating site.

C. Children shall be required to remain seated while the vehicle is in motion.

D. Doors shall be locked when the vehicle is moving.

E. Order shall be maintained when the vehicle is moving.

F. Children shall not be left unattended in a vehicle at any time.

G. Children shall enter and leave the vehicle from the curb-side unless the vehicle is in a protected area or driveway.

H. Children shall be assisted, when necessary, while entering or leaving the vehicle.

I. Head counts shall be taken before leaving the *[facility]* operating site, after entering the vehicle, during a field trip, after taking the children to bathrooms, after returning to the vehicle and when back at the *[facility]* operating site.

J. When children leave the vehicle, the vehicle shall be inspected to ensure that no children are left on or under seats.

(H) Work Experience.

1. An agency shall provide the opportunity for work experiences for each child *[which is]* appropriate to the age, health, and abilities of the individual child.

2. Work experience shall not interfere with a child's time for school, study periods, play, sleep, community contacts, or visits with his/her family, and shall be designed to serve the child's interest.

3. If work experience is a part of the child's *[service]* treatment plan, it shall be identified in the *[service]* treatment plan. A schedule shall be maintained for all children who work paying jobs for review by licensing staff.

4. Children shall not be used as substitutes for staff.

5. An agency shall differentiate between chores children are expected to perform, specific work assignments made as a means of earning money, and jobs performed in or out of the *[facility] operating site* to gain vocational training.

6. Work training programs and employment of children shall be approved by the executive director or designated staff when the child is employed outside *[a facility] the operating site*.

7. Children shall be given some choice in their chores and work experiences, and duties shall be changed periodically to provide the child a variety of experience.

8. An agency shall limit the length of time children spend on regular nonpaid chores to one (1) hour a day during the school year and not more than two (2) hours a day during the summer months for all children.

9. An agency shall comply with the applicable child labor laws, sections 294.011-294.140, RSMo. Children working paying jobs shall receive pay in accordance with community rates.

10. A complete record of a child's earnings and dispersals from this fund shall be maintained and made available upon request to the child, the parent(s), the guardian, or legal custodian and the licensing unit.

11. Children shall be provided proper supervision when working with, or in proximity to, power-driven machinery, upon scaffolding, in the operation of a motor vehicle or in any other occupation which is dangerous to the life or health of a child.

(I) Allowances and Money.

1. If a child does not work and earn his/her own spending money, each child shall receive a regular allowance. The child shall be allowed to use discretion in spending some of the allowance for items other than basic needs.

2. Money belonging to a child being discharged shall be transferred to the child, the parent(s), or the agency authorized to act as custodian.

3. Documentation of all deposits and withdrawals should be maintained and available for review upon request. At the time of discharge from the agency, documentation shall be made part of the child's record.

(J) Critical Incident Report.

1. In the event that a critical incident occurs that includes, but is not limited to: injury of a child during physical restraint; serious physical or sexual aggression by or toward the child; significant physical injuries requiring medical attention; allegations of sexual abuse; criminal conduct involving the child; elopement; attempted suicide; fire setting; child death; and information which must be reported to the child abuse and neglect hotline pursuant to section 210.115, RSMo a critical incident report is completed by the agency. When a child is not in Children's Division custody, the agency shall then verbally notify, within six (6) hours, the regional licensing consultant, the child's treatment team, case manager, parent, legal guardian, guardian *ad litem*, and legal custodian and provide them with a copy of the critical incident report within twenty-four (24) hours of the occurrence of the critical incident. In the event a child is in Children's Division custody, the agency contact, in addition to the regional licensing consultant, is the case manager. The agency contacts the regional licensing consultant and case manager within six (6) hours. The case manager then notifies the other pertinent team members. The agency then provides the regional licensing consultant and case manager with a copy of the critical incident report within twenty-four (24) hours of the occurrence of the critical incident.

(2) Care of the Child.

(B) Personal Hygiene.

1. An agency shall provide each child with his/her own *[toilet] toiletry* articles and with space for their storage.

2. An agency shall provide mirrors or *[nonbreakable] unbreakable* reflective surfaces in bathrooms at levels easily accessible to all children.

(D) Food and Nutrition.

1. Nutritional requirements.

A. An agency shall provide *[nutritional] nutritious*, appetizing food which meets the daily nutritional requirements of the children in care.

B. Consideration shall be given when planning meals to the religious practices and cultural differences of the children.

C. An agency shall provide supplementary foods and modified diets for children with special dietary needs.

D. When a dietitian or nutritionist is not employed by an agency, consultation on menu planning shall be obtained as needed from a city, county, or state health agency or through a local resource.

E. Variations in the appetites of the children in care shall be recognized, and the children shall be encouraged, but not forced, to eat.

F. Children shall be encouraged to develop healthy eating habits.

G. All milk shall be pasteurized. Dry or powdered milk shall only be used in meal preparation and not utilized for drinking purposes.

2. Meal service.

A. An agency shall serve meals at recognized meal times, and at least three (3) times a day, unless children receive their noon meal at school.

B. Nutritious between-meal snacks shall be provided.

C. Staff and children who eat together shall be served the same food unless contraindicated for medical reasons.

(E) Personal Possessions. Each child shall be permitted to bring safe and appropriate personal possessions with him/her and to acquire belongings of his/her own while in residence. A written inventory **log** of the child's possessions at the time of admission and at the time of discharge shall be on file. **The inventory log shall be updated during the stay, as needed.**

(F) Family Identity and Relationships.

1. An agency shall develop written visitation policies.

2. An agency shall encourage and support contacts between a child and his/her family while the child is in care, unless the rights of the parent(s) to contact their child have been terminated or restricted by court order. The frequency of contact shall be determined by the child's parent(s), guardian, or legal custodian in consultation with agency staff. An agency shall enable the family to visit and remain involved in their child's care as well as actively participate in relationship building.

3. Privacy shall be provided for visits with family members, relatives, and friends, for telephone calls and for written communications unless otherwise indicated by the *[service] treatment* plan.

4. Flexible visiting hours shall be provided for the parent(s) or legal guardian.

(G) Religious Requirements.

1. *[Upon] Prior* to admission, an agency shall provide a written description of the agency's religious requirements and practices, which shall be made available to the parent(s), guardian, or legal custodian, and, when appropriate, to the child.

2. Upon admission, if the agency requires mandatory religious observance or mandatory church attendance, consent of the parent(s), or guardian or legal custodian, or both, shall be obtained and explained to the child upon admission.

3. Opportunity for religious experience shall be made available to each child within the religious preference of his/her family by treatment plan.

4. The child's parent(s), guardian, or legal custodian shall provide written authorization regarding any change in religious affiliation by the child while s/he is in care.

5. Children shall be permitted to attend religious activities and services in the community by treatment plan.

(H) Educational Program. The *[administrator]* agency shall be responsible for ensuring compliance with Missouri statutes pertaining to the children's education.

[A./1. An agency shall not admit a child unless an educational program appropriate to the child's needs can be *[obtained]* **made available and provided.**

[B./2. The educational progress of a child shall be continually evaluated and the progress shall be included in the child's *[six (6)-/ three (3) month [service] treatment* plan review according to *[13 CSR 40-71.080(2)(B)] 13 CSR-71.060(2)(B)1.A.*

[C./3. [Children excluded from school shall be provided education, training or work experience consistent with their needs and abilities.] If the educational resources of the local community do not meet the needs of the children in care or if a child is excluded from school for behavioral or other reasons, the agency shall work closely with the local school district to provide an appropriate education plan pursuant to section 210.1050, RSMo.

[D./4. An agency shall maintain contact and cooperation with involved school systems to provide a coordinated approach to meeting the educational needs of each child.

[E./5. An agency shall provide appropriate space, adequate lighting, supervision for quiet study after school hours and access to reference materials and school supplies.

[F./6. Children shall be permitted and encouraged to participate in extracurricular activities such as sports, art and music, to the extent of their interests, abilities, and talents.

7. At the time of discharge, a copy of the child's educational records/file shall follow the child.

8. Agency employees providing educational services shall meet the certification criteria established by the Department of Elementary and Secondary Education.

(I) Recreational and Activity Programs/Leisure Time.

1. An agency shall involve children in a variety of age and developmentally appropriate on-site and community activities individually, and in groups, which meet the range of needs specified in their *[service] respective treatment* plan.

2. An agency shall maintain a written plan and schedule for a recreational program of both general and physically challenging activities which promote health and physical development in accordance with the individual interests, ages, and needs of the children. This program shall include procedures by which a child's involvement and progress shall be regularly reported.

3. An agency shall submit a list of general and physically challenging activities which they plan to use in their recreational program which includes a description of the activity, the purposes and goals. This list shall be submitted to the division at **initial licensure or [relicensure] license renewal.**

4. An agency shall provide indoor and outdoor recreational facilities for quiet and active play.

5. Each child shall have some time to be alone if s/he wishes, and places where the child reasonably will be undisturbed, while under the overall supervision of staff.

6. Recreational and leisure-time activities shall be included as a planned part of family interventions, provided these activities do not interfere with the safety or security of the child, family, or *[facility] operating site.*

7. [Swimming] Any water activity, including but not limited to swimming, wading, fishing, or boating shall be permitted only when—

A. An adult with a current lifeguard certificate, including cardio pulmonary resuscitation *[[CPR]]* training is present; except

B. An adult who has completed a course in basic water safety, which includes infant/child **cardio pulmonary resuscitation [CPR]** training, may supervise children *[under age six (6)]* when a swimming pool containing a depth of less than *[forty-eight inches (48")]* **twenty-four inches (24")** of water is being used; and

[8./C. Other water activities[,] such as fishing or boating[,]

shall require staff supervision at all times~~[/]~~. **The agency** shall ensure the safety **and supervision** of the children and utilize appropriate equipment.

[9./8. Agencies with on- or off-ground activity programs, which by their nature significantly alter the usual level of resident supervision, shall clearly describe each activity in their recreational plan. These include activities which could be described as physically or otherwise challenging, or those which utilize animals, or those which might involve a level of risk to children. The plan for each activity shall outline the qualifications of staff members involved, special equipment, supervision rules that will be used, and any changes in the usual behavioral rules for residents and staff required by the activity. At a minimum, the plan specifically shall address each of the following:

A. Special qualifications of staff.

(I) The agency will confirm in writing in each staff's personnel file that the staff has specialized training, or extensive life experience in the recreational activity that qualify staff to supervise the activity.

(II) If the agency or specific staff is certified in a recognized activity area such as ROPES, Project Adventure, or Red Cross water safety instructor (WSI), these standards will be evidence of compliance;

B. Special safety equipment.

(I) All sports and outdoor equipment used in the program is selected on the basis of safety factors and is regularly checked or tested to insure it is up to the agency's standards, which comply at a minimum with applicable national standards for the equipment in use.

(II) First aid and emergency response kits and other emergency supplies and medications needed by participants are under the control of the designated group leader at all times.

(III) The agency provides for adequate shelter from the elements, safe and healthful food and water, appropriate clothing, and appropriate equipment required for the activities and the environment;

C. Special rules for staff and resident behavior.

(I) The agency has a written plan for coverage and supervision when groups are physically distant from the main location which includes delegation of authority.

(II) Personnel designated responsible for the group must have had first aid or first responder training and at least one (1) staff person with the group shall be certified to provide **[CPR] cardio pulmonary resuscitation**; and

D. Risk management.

(I) The agency shall have a written plan which describes unsafe conditions which would restrict or rule out this activity. Safety rules for staff and residents, appropriate clothing and equipment required, and necessary training for staff and residents prior to undertaking the activity shall be specified in the plan. Changes to this plan shall be submitted to the division.

(II) The agency shall include in its plan the level of administrative approval required to authorize the undertaking of any such activity.

(J) Transitional Living Services. Agencies serving an adolescent population shall develop and implement a transitional living services component which shall begin at the time of the initial assessment and shall be modified in accordance with the *[child's] youth's* changing needs as new skills are developed. **This component should complement any other life skills program/training in which the youth is involved.** Group and individual counseling should include coping and adjustment issues relating to the *[child's] youth's* transition from residential *[care] treatment*. The program shall include development of a planned program in which, at a minimum, residents may acquire skills and practice in the following areas developing:

1. Skills for independence;
2. Skills and knowledge of financial management;

3. Skills necessary for locating, obtaining, and maintaining a residence;

4. The basic skills for negotiating successfully with community institutions and systems;

5. A basic knowledge in substance abuse prevention, human sexuality, physical and sexual abuse, Human Immunodeficiency Virus *[(HIV)]* prevention and **other** sexually transmitted diseases;

6. Daily life skills;

7. Skills for job preparation, maintenance, and retention; and

8. Skills for developing positive peer relationships and a support system.

(K) Smoking Policy. Agencies shall develop a smoking policy for staff and residents that is consistent with Chapter 407, RSMo.

(L) Prohibition of Practices with Negative Impact on Residents. Agencies shall develop policy that prohibits activities and media (music, movies, video games, television) that negatively impact children.

AUTHORITY: sections 210.481, [RSMo (1986)] 210.486, and 210.506, RSMo [(Cum. Supp. 1993)] 2000. This rule originally filed as 13 CSR 40-71.070. Original rule filed Nov. 9, 1978, effective Feb. 11, 1979. For intervening history, please consult the Code of State Regulations. Amended: Filed Dec. 16, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Children's Division, Tim Decker, Director, PO Box 88, Jefferson City, MO, 65103. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

Title 13—DEPARTMENT OF SOCIAL SERVICES

Division 35—Children's Division

Chapter 71—Licensing Rules for Residential *[Child Care Agencies]* Treatment Agencies for Children and Youth

PROPOSED AMENDMENT

13 CSR 35-71.075 Health Care. The division is amending the title of the chapter, the purpose, and sections (1), (2), and (4).

PURPOSE: The Children's Division is amending testing a child for certain communicable diseases, a dental examination within one (1) year before admission or within three (3) months after admission, a dental examination at least annually while in care, provision for treatment or corrective measures required by a physician or dentist, upon discharge, a copy or summary of the child's health and dental records provided to the child's parent(s), guardian, or legal custodian, clarification of medication training, also storing refrigerated medication in a locked unit enhanced medication documentation destruction procedures for discontinued medications, medication procedures when a child is discharged, and enhanced administering and monitoring all medications, including psychotropic medication.

PURPOSE: This rule sets forth the procedures for health care, emergency medical care, psychiatric and psychological care, [and psychotropic] including psychotropic medication.

(1) Health Care Procedure.

(B) The agency's health care program shall include admission examinations, subsequent examinations, nursing care, first-aid procedures, dispensing of medicine, basic remedial treatment and the training and implementation of the use of the *[U]niversal [H]ealth [C]are [P]recautions* and the other basic principles of communicable disease prevention. The agency shall make provisions for the services of a licensed physician to be responsible for medical care, including on-site or office visits.

(D) A complete *[physical]* medical examination by a licensed physician certified nurse practitioner, advanced practice nurse in a collaborative practice agreement with a licensed physician, or a registered nurse who is under the supervision of a licensed physician shall be given to each child within thirty (30) days prior to admission, or within *[seventy-two (72) hours]* **ten (10) days** after admission. The findings of the examination shall be recorded on a form prescribed by the division, or one containing the equivalent information. Children shall receive physical examinations in accordance to the periodicity of the Missouri *[M]edicaid [H]ealthy [C]hildren and [Y]outh [S]chedule for [physical] medical and developmental examinations.*

(F) Any child who has not received primary immunization prior to admission shall be immunized according to the Department of Health's *[s]* and **Senior Services's** current guidelines.

(H) Booster shots shall be administered to children as needed, and at time intervals recommended by the agency physician or by the Department of Health's *[s]* and **Senior Services's** current guidelines.

(I) Each child *[under twelve (12) years of age]* shall be given an annual eye examination. *Children twelve (12) years of age and older shall be given an eye examination on an as-needed basis]* and corrective treatment shall be provided as prescribed.

(J) *[Upon discharge, a copy or summary of the child's health and dental records shall be provided to the child's parent(s), guardian or legal custodian.]* **Children must be tested for communicable diseases including, but not limited to tuberculosis and hepatitis according to the recommendations of a licensed physician.**

(K) Dental Care.

1. Children must have a dental examination by a licensed dentist within one (1) year before admission or within three (3) months after admission. A copy of the examination report and findings must be in the child's record.

2. A child shall have a dental examination at least annually while in care.

(L) Any treatment or corrective measures required by the licensed physician or dentist shall be arranged by the agency, as approved by a parent, guardian, or legal custodian.

(M) Upon discharge, a copy or summary of the child's health and dental records shall be provided to the child's parent(s), guardian, or legal custodian.

(2) Emergency Medical Procedure.

(A) At least one (1) staff member shall be qualified/certified to administer first aid, including **adult/child** cardio pulmonary resuscitation *[(CPR)]*, and shall be available within the agency at all times.

(C) An agency shall contact a child's parent(s), guardian, or legal custodian **immediately, but no longer than twelve (12) hours** when a serious illness, a serious injury, or hospitalization of the child occurs. **This includes any visit to an emergency medical facility.**

(4) Psychiatric and Psychological Care. When the agency's *[service]* **treatment** plan for a child indicates a need for professional care by a psychiatrist or a psychologist, the specialized treatment shall be provided, or arranged for, by the agency.

(5) Medicine and Drugs.

(A) All medication shall be prescribed by a licensed physician, and administered by a licensed nurse or staff who **have** successfully *[have]* completed **and maintained**, at a minimum, the Level 1,

Medication Aide Training Program or *[a certified Medication Training Program,]* a **recognized medication certification training program**, approved by the division for children in residential *[care]* treatment.

(B) All medicine and drugs shall be kept in a locked unit and shall only be accessible to and dispensed by the agency nurse or qualified/certified staff. **Medications requiring refrigeration shall also be stored in a locked unit.**

(C) All medication shall be labeled to indicate the name of the child, the type and dosage of medication, and shall be dated. **All administered, transferred, and/or destroyed medications shall be documented on a medication administration record.**

(E) No child shall self-administer medication unless the practice is approved by a licensed physician, or a registered nurse with approval of a licensed physician, *and the executive director*. The approval shall be documented in the child's medication record and *[social service]* treatment plan.

[(F) Either a licensed physician, licensed nurse or a qualified pharmacist shall be responsible for developing, coordinating and supervising all pharmaceutical services, including psychotropic medications.]

[(G)](F) When medications which are approved by a physician's order are prescribed, continued, discontinued or changed, an entry shall be made in the child's record. Entries shall be evaluated at least every *[sixty (60) days to determine if medication shall be continued, discontinued or changed.]* **thirty (30) days by a licensed nurse or staff that have successfully completed a recognized medication certification training program approved by the division for children in residential care.**

[(H)](G) When medications are discontinued, they shall be destroyed **within forty-eight (48) hours** by staff as directed by a licensed physician or qualified pharmacist or a registered nurse.

(H) Upon discharge, all medication shall be transferred with the resident for whom it was prescribed. Medication must be given directly to a responsible adult/guardian/legal custodian or adult designee (such as a contracted transportation service) of the resident.

(6) Psychotropic Medication.

(A) Prescribing Psychotropic Medication.

1. An agency shall have written policies, which, upon request, shall be made available to the child's parent(s), or guardian or legal custodian, or both, to staff and to the child, governing the use of psychotropic medication.

2. The prescribing physician shall provide a written medication order reflecting the reasons for prescribing the medication, the dosages and the frequency of administration.

3. When a written order for psychotropic medication is provided by a physician to be administered in an emergency situation in his/her absence, staff shall document all dosages of medication given. The physician shall fully document the justification for, and the expected results of, the medication order.

4. Psychotropic medication shall not be administered as a form of punishment, as a substitute for a program or due to lack of staff.

5. Unless there is a court order to the contrary, the parent(s), guardian or legal custodian of a child shall give prior, informed, written consent to the use of medication. Consent may be given at the time of admission.

6. The parent(s), guardian or legal custodian shall be informed regarding any possible side-effects of medications to be administered. This shall be documented in the child's record.

(B) Administering and Monitoring of All Medications, Including Psychotropic Medication.

1. The following information shall be maintained in the case record of each child receiving *[psychotropic]* medication:

- A. The medication history of the child;
- B. Documentation of all medication administered;

C. A description of any significant changes in the child's appearance or behavior that may be related to the use of medication;

D. Any medication errors; and

E. A record of each refusal of medication including the child's name, the date, the time, the staff administering medication and the child's reason for refusal.

(C) Staff Training Relating to *[Psychotropic]* Medication Management. An agency shall provide training for all staff who work directly with children to enable them to recognize changes in a child's appearance or behavior that may be related to the use of *[psychotropic]* any medication, **including psychotropic.**

AUTHORITY: sections 210.481, [RSMo (1986)] 210.486, and 210.506, RSMo [(Cum. Supp. 1993)] 2000. This rule originally filed as 13 CSR 40-71.075. Emergency rule filed Nov. 1, 1993, effective Nov. 12, 1993, expired March 11, 1994. Emergency rule filed March 2, 1994, effective March 12, 1994, expired July 9, 1994. Original rule filed Nov. 1, 1993, effective June 6, 1994. Moved to 13 CSR 35-71.075, effective Oct. 30, 2008. Amended: Filed Dec. 16, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Children's Division, Tim Decker, Director, PO Box 88, Jefferson City, MO, 65103. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

Title 13—DEPARTMENT OF SOCIAL SERVICES

Division 35—Children's Division

Chapter 71—Licensing Rules for Residential *[Child Care Agencies]* Treatment Agencies for Children and Youth

PROPOSED AMENDMENT

13 CSR 35-71.080 Buildings, Grounds and Equipment. The division is amending the title of the chapter, sections (1), (4), (5), (6), (8)–(16), and adding sections (17) and (18).

PURPOSE: The Children's Division is amending enhanced general physical plant requirements, an outside of the operating site window in a child's sleeping room, bath and toilet facilities shall be in a separate, distinct room, a bathroom shall have a window to the outside of the operating site or other exhaust ventilation system, artificial lighting shall be safely and sufficiently shielded, the operating site shall have an adequate lighting source, the manufacture's designed functions of windows shall not be altered without the approval of the State Fire Marshal, refrigerated food is maintained at safe temperatures according to Department of Health and Senior Services standards and verified by thermometers located in each refrigerator and freezer, procedures when an agency has animals, and locked storage buildings.

(1) Physical Plant-General Requirements.

(A) Plans for additional buildings, or alterations which affect the structural strength, safety, sanitary conditions, and floor space of existing buildings, shall meet the requirements of state and local ordinances. The plans for these buildings or alterations shall be submitted for review by the residential licensing unit, the State Fire Marshal and the Department of Health and Senior Services.

(C) An agency shall maintain its buildings, grounds, furniture, and equipment **in a clean, safe, and sanitary condition and in a good state of repair.**

(D) Each *[facility]* **operating site** shall be effectively safeguarded against insects and rodents.

(E) Each *[facility]* **operating site** housing children shall include areas and specialized recreational space, and shall properly equip, supply, and maintain these areas so as to promote relaxation and varied opportunities for recreation.

(F) Telephone service shall be available in each *[facility]* **operating site.**

(H) **Heaters, floor furnaces, radiators, hot water heaters, or other equipment which pose a threat to children shall be separated from areas used by children by partitions, screens, or other barriers, as approved by the state fire marshal.**

(I) **Smoking shall be prohibited in child care, food preparation, and food service areas.**

(J) **Porches, decks, stairwells, or other areas having a significant drop-off from which children might fall and be injured shall have an approved railing or approved barrier.**

(4) **Sleeping Rooms and Areas.**

(B) An agency licensed after (November 12, 1993) shall provide at least one (1) window **to the outside of the operating site (effective the date of this amendment)** in each sleeping room.

(E) Sleeping areas shall be designated and provided for boys and for girls to allow for maximum supervision and separation. Programs providing care for children through age three (3) **years** are not required to separate children according to gender. Consideration for waiving the age limit may be given to programs providing less than seventy-two (72)-hour care to enable programs to keep sibling groups together.

(5) **Staff Quarters.** When staff quarters are provided, they shall be located adjacent to the children's bedrooms so that children can be supervised easily and staff can be available to any child, when needed.

(6) **Bath and Toilet Facilities.**

(A) A minimum of one (1) toilet and one (1) wash basin shall be provided for every four (4) children and one (1) tub or shower shall be provided for every six (6) children in residence. In agencies licensed after the effective date of these rules (November 12, 1993), these accommodations shall be located on the same floor as the sleeping rooms. **In agencies licensed after (effective the date of this amendment) the bath and toilet facilities shall be in a separate, distinct room.**

(C) *[The facility shall]* **Agencies licensed after (effective the date of this amendment) shall have a window to the outside of the operating site** or other exhaust ventilation system in each bathroom.

(8) **Heating and Cooling.** *[Moderate temperatures which are comfortable to children shall be provided at all times. Each facility shall be well-ventilated.]* **Each operating site shall be well ventilated and maintain indoor temperatures comfortable for children.**

(9) **Electrical Systems.**

(A) Each *[facility's]* **operating site's** electrical system shall comply with all applicable local ordinances, state guidelines, or both.

(B) Artificial lighting shall be provided to meet the needs of the children **and shall be safely and sufficiently shielded.**

(C) **The operating site shall have an adequate lighting source.**

(10) **Windows, Screens, and Glass Doors.**

(A) Windows which are accessible from the outside shall be lockable and open easily from the inside. The manufacturer's designed functions of windows shall not be altered **without the approval of**

the State Fire Marshal.

(11) **Dining and Kitchen Area.**

(A) Each *[facility]* **operating site** shall have a kitchen which provides the following:

1. A refrigerator capable of maintaining foods at safe temperatures **according to Department of Health and Senior Services standards and verified by thermometers located in each refrigerator and freezer;**

2. A stove with a hood in operating condition;

3. A kitchen sink in operating condition with hot and cold running water;

4. Adequate provision for the sanitary disposal and temporary storage of food waste and refuse;

5. A supply of equipment to prepare meals, and dishes, glassware, and flatware for use at each meal. Utensils shall be free of chips, cracks, or other defects, and shall be thoroughly cleansed after each use;

6. Equipment used in the preparation and serving of food, including can openers, meat slicers, and cutting surfaces which shall be cleaned and sanitized after each use;

7. No smoking in food preparation and food service areas;

8. Dining areas equipped with tables and chairs appropriate to the children's ages, and arranged so that children and staff can have their meals together;

9. Dishwashing facilities with water hot enough to sanitize utensils or other approved sanitization method;

10. A window or other adequate exhaust ventilation system in each kitchen;

11. Adequate space and light; and

12. Walls, floors, and ceilings made of materials that are easy to clean and maintain.

(12) **Food Storage.**

(B) Each *[facility]* **operating site** shall store and use food service areas, only sufficient poisonous and toxic materials required to maintain sanitary conditions. Toxic materials shall be properly labeled and stored in secure, **locked**, cabinets which are used for no other purpose.

(13) **Water.**

(A) If an *[facility's]* **operating site's** water supply is not an approved public source, each *[facility]* **operating site** shall have its water supply annually approved by the Department of Health and Senior Services or Department of Natural Resources.

(B) Each *[facility]* **operating site** shall provide cool, safe drinking water and single-serving cups or glasses for those unable to drink from fountains.

(14) **Sewage Disposal.**

(B) If the agency does not utilize public sewage disposal systems, facilities shall have their sewage disposal systems approved biennially by the Department of Health and Senior Services or Department of Natural Resources.

(15) **Hazardous Materials.** All flammable liquids, matches, poisonous materials, medicines, alcoholic beverages, hazardous personal care items, or other hazardous items shall be **locked and inaccessible** to children. Any lawful, authorized use of such materials would be under the approval of the executive director of the *[residential care agency]* **residential treatment agency for children and youth.**

(16) **Weapons.**

(B) All guns *[also]* must have trigger locks installed.

(17) **Animals.**

(A) Agencies that have animals shall develop written policy and/or procedures that address the purpose and care of animals in therapeutic programming.

(B) Agencies that have animals shall adhere to local and state guidelines regarding care and public safety.

(C) Documentation of veterinarian visits and health records shall be made available, when requested.

(D) Appropriate pet containment systems shall be available to use, when necessary.

(18) Out Buildings. Any buildings used on campus for the storage of equipment or material shall be locked.

AUTHORITY: sections 210.481, [RSMo (1986)] 210.486, and 210.506, RSMo [(Cum. Supp. 1993)] 2000. This rule originally filed as 13 CSR 40-71.080. Original rule filed Nov. 9, 1978, effective Feb. 11, 1979. For intervening history, please consult the Code of State Regulations. Amended: Filed Dec. 16, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Children's Division, Tim Decker, Director, PO Box 88, Jefferson City, MO, 65103. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

**Title 13—DEPARTMENT OF SOCIAL SERVICES
Division 35—Children's Division
Chapter 71—Licensing Rules for Residential [Child Care
Agencies] Treatment Agencies for Children and Youth**

PROPOSED AMENDMENT

13 CSR 35-71.090 Record Keeping. The division is amending the title of the chapter and section (2).

PURPOSE: The Children's Division is amending child record requirements, the initial and subsequent treatment plan, documentation in the child's record of recreational activities, enhancement of critical event criteria, and child health related documentation.

(2) Individual case records for all children accepted for care shall be maintained for at least five (5) years after a child is discharged from care and shall include:

(A) *[The child's full name, birthdate and birthplace; parent's full name(s), including the mother's maiden name; date and place of parent's marriage; if parents are divorced or separated, date and place; if parents are deceased, date, place and cause of death; names, addresses and birthdates of other children in the family; names and addresses of grandparent(s); source of referral for care; date and reason for placement; and financial records, when available;] The child's full name, date of birth, complete social history including reason and date of placement and medical history;*

(B) Reports of any pre-placement visits and conferences;

(G) The *[service] initial treatment* plan and subsequent *[service] treatment* plan reviews;

(J) Reports from recreational and other adjunctive staff involved with the child and family; *and*. All recreational activity shall be documented separately in each child's record;

(K) Copies of critical incident reports, which shall include, but not be limited to, *[physical restraint, isolation and injury.] injury of a child during physical restraint; serious physical or sexual aggression by or toward the child; significant physical injuries requiring medical attention; allegations of sexual abuse; criminal conduct involving the child; elopement; attempted suicide; fire setting; child death; and information which must be reported to the child abuse and neglect hotline pursuant to section 210.115, RSMo; and*

(L) Admission and periodic health, vision, and dental examination information, physician's written instructions with regard to special dietary or health care, and record of all medications and treatments.

AUTHORITY: sections 210.481, [RSMo (1986)] 210.486, and 210.506, RSMo [(Cum. Supp. 1993)] 2000. This rule originally filed as 13 CSR 40-71.090. Original rule filed Nov. 9, 1978, effective Feb. 11, 1979. For intervening history, please consult the Code of State Regulations. Amended: Filed Dec. 16, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Children's Division, Tim Decker, Director, PO Box 88, Jefferson City, MO, 65103. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

**Title 13—DEPARTMENT OF SOCIAL SERVICES
Division 35—Children's Division
Chapter 71—Licensing Rules for Residential [Child Care
Agencies] Treatment Agencies for Children and Youth**

PROPOSED AMENDMENT

13 CSR 35-71.100 Specific Rules for Basic Care Agencies Providing Care for Infant, Toddler, or Preschool Age Children (Birth Through Age Six (6)). The division is amending the title of the chapter, deleting the Editor's Note, deleting section (1), and renumbering and amending section (2).

PURPOSE: The Children's Division is amending unbreakable (instead of nonbreakable) safety material, other Department of Health and Senior Services approved hand sanitizing method enhancement of water safety, safety restraints according to manufacturer's instructions, and gross motor (instead of large muscle) activities.

[(1) Personnel. Agencies, who by mission, serve a medically fragile or drug- and alcohol- affected population, or both, shall employ and schedule a licensed nurse for not less than twenty (20) hours per week. At least one (1) staff shall be present at all times who is trained in infant/child cardiopulmonary resuscitation (CPR).]

[(2)](1) Physical Requirements.

(A) General Requirements.

1. Stairways shall be well-lighted and free of obstructions. Stairways having more than three (3) steps shall have a handrail the children can reach.

2. Porches, decks, stairwells, or other areas having a significant drop-off from which children might fall and be injured shall have an approved railing or approved barrier. The railing or barrier shall be constructed to prevent the child from crawling or falling through or becoming entrapped.

3. Approved safety gates at stairways and doors shall be provided and used as needed.

4. Protective outlet covers or twist-lock outlets shall be used in areas accessible to the children.

5. Heaters, floor furnaces, radiators, hot water heaters, or other equipment which pose a threat to children shall be separated from areas used by children by partitions, screens, or other approved barriers.

6. Smoking shall be prohibited in child care, food preparation, and food service areas.

(B) Indoor Space.

1. General requirements.

A. Open windows and doors shall be securely screened. Barriers to prevent children from falling against windows or falling from windows shall be provided when windows are less than twenty-four inches (24") from the floor and not constructed of safety glass or other *[nonbreakable]* **unbreakable** material.

B. Walls, ceilings, and floors shall be finished with material which can be cleaned easily and shall be free of splinters, cracks, and chipping paint. Floor covering shall be in good condition. Lead-free paint shall be used for all painted surfaces.

C. Concrete floors in areas utilized for child care shall be covered with carpet, tile, linoleum, or other floor covering.

D. Floor surfaces under indoor equipment from which children might fall and be injured, shall be protected with pads or mats which will effectively cushion the fall of a child. Carpeting alone is not an acceptable resilient surface under indoor equipment.

E. Toilet and handwashing facilities shall be in working order and convenient for the children's use.

F. Paper towels, soap, and toilet paper shall be provided and easily accessible so the children can reach them without assistance.

G. Locks or latches shall not be used on bathroom or bathroom stall doors.

H. One (1) potty chair, junior commode, or toilet with an adaptor seat shall be provided for every four (4) children being toilet trained. Potty chairs shall be located in the bathroom and shall be emptied, cleaned, and disinfected after each use.

(C) Diapering Area.

1. A safe diapering table with a waterproof washable surface shall be used for changing diapers. The diapering table shall be located within or adjacent to the group space so staff using the diapering table can maintain supervision of his/her group of children at all times.

2. *[Facilities]* **Operating sites** shall have one (1) diapering table for every group of eight (8) infant/toddlers.

3. Diapering supplies, and a properly equipped hand washing sink with warm running water, soap, and a towel **or other Department of Health and Senior Services approved hand sanitizing method** shall be adjacent to the diapering area.

(D) Outdoor Space.

1. General requirements.

A. An outdoor play area shall be available on, or adjoining, the agency's property. The area shall be located so it is convenient and the children can gain access to it without hazard. It shall be fenced when necessary for the protection of children from traffic, water, or other hazards.

B. The play area shall be safe for children's activities, well-maintained, free of hazards such as poisonous plants, broken glass, rocks, or other debris and shall have good drainage.

C. The fall-zone area under and around outdoor equipment

where children might fall and be injured shall be covered with impact-absorbing materials which will effectively cushion the fall of a child. This material may include sand, pea gravel, tanbark, shredded tires, wood chips, rubber matting, or other approved resilient material.

(E) Swimming and Wading Pools.

1. Swimming and wading pools used by children shall be constructed, maintained, and used in a manner which safeguards the lives and health of children.

2. Swimming and wading pools shall be fenced to prevent access by children. The fence shall be at least forty-eight inches (48") high with a self-closing, self-latching door that must be unlatched from the inside and should be constructed so that a four-inch (4") sphere could not be passed through the fence.

3. Children using swimming or wading pools shall be instructed in water safety and supervised by an adult at all times.

4. An adult with a current lifeguard training certificate, including infant/child cardio pulmonary resuscitation *[(CPR)]* training, shall be on duty at all times when a swimming pool **or other bodies of water** containing a water depth of *[forty-eight inches (48")]* **twenty-four inches (24")** or more is being used.

5. An adult who has completed a course in basic water safety, which includes infant/child *[CPR]* **cardio pulmonary resuscitation**, shall be on duty when a swimming pool containing less than *[forty-eight inches (48")]* **twenty-four inches (24")** of water is being used.

(F) Sleeping Equipment.

1. An individually assigned crib, portable crib, or playpen shall be provided for each infant and toddler. Stack cribs shall not be used.

2. Cribs and playpens shall have side rail spokes which conform to current United States Consumer Product Safety Commission standards.

3. The crib mattress or playpen pad shall be correctly sized to the crib or playpen, in good condition, waterproof, and kept clean and dry. Sheets and covers shall be changed immediately when soiled or wet.

(G) Tables and Seating Equipment.

1. Individual chairs and table space for the licensed capacity of the *[facility]* **operating site** shall be available for children twelve (12) months of age and older. Chairs shall be proportioned so children sit comfortably and securely.

2. Infants and toddlers who are unable to sit at a table shall have one (1) piece of mealtime feeding equipment for every four (4) infant/toddlers which may include feeding tables, high chairs, infant seats, or other safely designed infant seating equipment. Equipment shall be provided which will allow the child to sit comfortably and securely while being fed. Appropriate **safety** restraints shall be used **according to manufacturer's instructions**.

(H) Indoor Play Equipment and Materials.

1. General requirements.

A. Play equipment and materials shall be clean, in good condition with all parts intact and accessible to children.

B. Play equipment and materials shall be replaced as needed to maintain the number of items required for the licensed capacity of the *[facility]* **operating site**.

2. Preschool and school-age children.

A. Children twenty-four (24) months of age and older shall have an ample variety of age-appropriate toys, books, creative materials and activities which provide fun, stimulation, development, and opportunities for individual choices.

B. The following shall be required:

- (I) Blocks, construction, and transportation toys;
- (II) Manipulatives;
- (III) Creative arts;
- (IV) *[Large muscle]* **Gross motor** activities;
- (V) Library and language activities;
- (VI) Music and rhythm activities;
- (VII) Dramatic and housekeeping play; and

(VIII) Science activities or sensory experiences.

C. Infants and toddlers.

(I) Infants and toddlers shall have safe toys which shall be washed or sanitized at least weekly or when soiled. Toys, parts of toys or other materials shall not be small enough to be swallowed. Toys and materials shall include, **but not be limited to**, each of the following:

(a) Push-pull toys;

(b) Balls or other *[large muscle]* **gross motor** equipment;

(c) Blocks, stacking toys, or other manipulatives; and

(d) Cloth or plastic-coated books.

3. Outdoor equipment.

A. All outdoor equipment shall be safely constructed, in good condition and free of sharp, loose or pointed parts. Only lead-free paint shall be used.

B. Outdoor equipment shall be provided for the ages and number of children in care to meet their physical and developmental needs.

C. Children shall be instructed in the safe use of outdoor equipment.

D. Stationary equipment such as swings, slides, and climbers shall be securely anchored, have no exposed footings and be placed to avoid accidents or collisions.

E. Any hanging apparatus that might entrap, close, or tighten upon a child shall not be used.

F. Trampolines shall not be used. Mini-trampolines, aerobic bouncers, or other similar small jumping equipment may be used with close supervision.

AUTHORITY: sections 210.481, [RSMo (1986)] 210.486, and 210.506, RSMo [(Cum. Supp. 1993)] 2000. This rule originally filed as 13 CSR 40-71.100. Emergency rule filed Nov. 1, 1993, effective Nov. 12, 1993, expired March 11, 1994. Emergency rule filed March 2, 1994, effective March 12, 1994, expired July 9, 1994. Original rule filed Nov. 1, 1993, effective June 6, 1994. Moved to 13 CSR 35-71.100, effective Oct. 30, 2008. Amended: Filed Dec. 16, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Children's Division, Tim Decker, Director, PO Box 88, Jefferson City, MO, 65103. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

Title 13—DEPARTMENT OF SOCIAL SERVICES Division 35—Children's Division Chapter 71—Licensing Rules for Residential [Child Care Agencies] Treatment Agencies for Children and Youth

PROPOSED AMENDMENT

13 CSR 35-71.110 Child Care Program. The division is amending the title of the chapter and sections (1), (2), (4), and (5).

PURPOSE: The Children's Division is amending supervision of children, rules a child can understand, other hand-sanitizing method, and daily activities for infants and toddlers including but are not limited to specified activities.

(1) General Requirements.

(A) Staff shall provide frequent, direct contact, **and supervision** so children are not left unobserved on the premises.

(2) Discipline.

(A) The agency shall establish simple, understandable rules for children's behavior and shall explain them to the children **in a manner they can understand**.

(4) Diapering and Toilet Training.

(F) Staff changing diapers shall wash their hands with soap and running water or **other Department of Health and Senior Services approved hand-sanitizing method** each time after changing a child's diaper before performing any other tasks.

(G) The diapering and *[handwashing]* **hand washing** area shall be separate from any food service area and any food-related materials.

(H) Children shall not be punished, berated, or shamed in any way for soiling their clothes.

(5) Daily Activities for Children.

(B) Daily activities for preschool and school-age children shall include, **but not be limited to**:

1. Developmentally appropriate play experiences and activities planned to meet the interests, needs, and desires of the children;

2. Individual attention and conversation with adults;

3. Indoor and outdoor play periods which provide a balance of quiet and active play, and individual and small group activities. Activities shall provide some free choice experiences;

4. Toileting and *[handwashing]* **hand washing** times;

5. Regular snack and meal times;

6. A supervised nap or rest period for preschool children after the noon meal;

7. A quiet time for school-age children after the noon meal with a cot or bed available for those who wish to nap or rest; and

8. A study time for school-age children who choose to do homework, with a separate, quiet work space.

(C) Daily activities for infants and toddlers shall include, **but not be limited to**:

1. Developmental and exploratory play experiences and free choices of play appropriate to the interests, needs, and desires of infants and toddlers;

2. Regular snack and meal times according to each infant's individual feeding schedule;

3. A supervised nap period. After awakening, an infant may remain in the crib for brief periods as long as s/he is content. Toddlers shall be taken out of bed for other activities when they awaken;

4. Individual attention and play with adults, including holding, cuddling, talking, and singing;

5. A plan for sensory stimulation which includes visual stimulation through pictures, books, toys, nonverbal communication, games, and the like; auditory stimulation through verbal communication, music, toys, games, and the like; tactile stimulation through surfaces, fabrics, toys, games, and the like;

6. Encouragement in the development of motor skills by providing opportunities for reaching, grasping, pulling up, creeping, crawling, and walking; and

7. Opportunity for outdoor play when weather permits.

AUTHORITY: sections 210.481, [RSMo (1986)] 210.486, and 210.506, RSMo [(Cum. Supp. 1993)] 2000. This rule originally filed as 13 CSR 40-71.110. Emergency rule filed Nov. 1, 1993, effective Nov. 12, 1993, expired March 11, 1994. Emergency rule filed March 2, 1994, effective March 12, 1994, expired July 9, 1994. Original rule filed Nov. 1, 1993, effective June 6, 1994. Moved to 13 CSR 35-71.110, effective Oct. 30, 2008. Amended: Filed Dec. 16, 2013.

PUBLIC COST: *This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.*

PRIVATE COST: *This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.*

NOTICE TO SUBMIT COMMENTS: *Anyone may file a statement in support of or in opposition to this proposed amendment with the Children's Division, Tim Decker, Director, PO Box 88, Jefferson City, MO, 65103. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.*

Title 13—DEPARTMENT OF SOCIAL SERVICES
Division 35—Children's Division
Chapter 71—Licensing Rules for Residential [Child Care Agencies] Treatment Agencies for Children and Youth

PROPOSED AMENDMENT

13 CSR 35-71.120 Specific Rules for Residential [Care Agencies] Treatment Agencies for Children and Youth Providing Maternity Care. The division is amending the title of the chapter, the title of the rule, and sections (1)–(3), and adding section (5).

PURPOSE: *The Children's Division is amending basic core (instead of care), trained staff available on-site at all times, availability of a nurse on an as needed basis for pre and post-natal care, certain topics shall be offered to residents, at a minimum, to include sexually transmitted (instead of venereal) disease, and at least one (1) staff shall be present at all times who is trained in infant/child cardio pulmonary resuscitation.*

(1) In addition to the rules for basic [care] core agencies, an agency desiring to provide maternity care shall meet these additional general requirements—

(A) A maternity residence upon request shall provide a written description of its program to the residents, parent(s), guardian, or legal custodian and to the division;

(B) Written financial policies and expectations shall be made available upon request to the division and to the parent(s), guardian, or legal custodian upon admission into the maternity residence[.];

(E) At least two (2) direct-care pursuant to 13 CSR 35-71.050(4)(A)1.–5. and (B) trained pursuant to 13 CSR 35-71.045(5)(A)-(Q) and 13 CSR 35-71.045(6)(A)1. and 13 CSR 35-71.045(2)(B)1.–9., (C), and (D)1.–12. staff shall be [available] on-site at all times.

(2) Health Care.

(B) Physician's Services.

1. Each resident shall receive the services of a licensed physician on a regular and continuing basis throughout pregnancy, delivery, and post-delivery checkups.

2. The maternity residence shall provide for consultation from a licensed obstetrician who shall be available in an emergency.

3. A licensed nurse shall be accessible on an as needed basis for pre and post-natal care.

(D) Medical Records. The resident's medical record shall include a medical consent form, the name of the health care provider, a schedule of appointments, documentation of pre and post-natal care, the expected date of delivery and any special needs or problems.

(3) Program.

(A) The maternity residence shall, at a minimum, provide a program to residents addressing prenatal care, labor, delivery, nutrition,

general health and hygiene, postnatal care, family planning, [venereal] sexually transmitted disease and child-care techniques.

(5) Infant/Child Cardio Pulmonary Resuscitation.

(A) At least one (1) staff shall be present at all times who is trained in infant/child cardio pulmonary resuscitation.

AUTHORITY: sections 210.481, [RSMo (1986)] 210.486, and 210.506, RSMo [(Cum. Supp. 1993)] 2000. This rule originally filed as 13 CSR 40-71.120. Emergency rule filed Nov. 1, 1993, effective Nov. 12, 1993, expired March 11, 1994. Emergency rule filed March 2, 1994, effective March 12, 1994, expired July 9, 1994. Original rule filed Nov. 1, 1993, effective June 6, 1994. Moved to 13 CSR 35-71.120, effective Oct. 30, 2008. Amended: Filed Dec. 16, 2013.

PUBLIC COST: *This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.*

PRIVATE COST: *This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.*

NOTICE TO SUBMIT COMMENTS: *Anyone may file a statement in support of or in opposition to this proposed amendment with the Children's Division, Tim Decker, Director, PO Box 88, Jefferson City, MO, 65103. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.*

Title 13—DEPARTMENT OF SOCIAL SERVICES
Division 35—Children's Division
Chapter 71—Licensing Rules for Residential [Child Care Agencies] Treatment Agencies for Children and Youth

PROPOSED AMENDMENT

13 CSR 35-71.130 Specialized Standards—Residential Treatment for Children and Youth. The division is amending the title of the chapter and section (1).

PURPOSE: *The Children's Division is amending the program director must be a full-time staff dedicated solely to the overall treatment program, the program director shall document the necessary number, qualifications, and responsibilities of professional staff, child:staff ratios to enhance child safety, no more than two (2) children per sleeping room, enhanced staff training, a minimum of one (1) hour of individual, group, or family therapy at least once per week, documentation of evacuating residents from locked isolation during an emergency, enhancement of locked isolation procedures, and an electronic locking-release mechanism, as approved by the State Fire Marshal.*

(1) In addition to rules for basic residential [child care] treatment for children and youth, an agency seeking to become licensed to provide residential treatment for children and youth, shall meet these additional requirements:

(A) Program Director. [The person responsible for the overall treatment program] The program director must be a full-time staff dedicated solely to the overall treatment program with at least the following minimum qualifications:

1. A master's degree in social work or human service field from an accredited college or university or licensed as a certified social worker; and

2. Two (2) years' experience providing treatment services. One (1) year of this experience must have been in a residential treatment setting;

(C) Professional Staff.

1. The agency must have sufficient, appropriately qualified professional staff available on a full-time, part-time, or continuing consultative basis, or any combination of these to address the needs of children in care.

2. The professional staffing plan must be in writing and implemented by the *[facility]* agency.

3. The *[professional staff must]* program director shall document that the number, qualifications and responsibilities of professional staff are appropriate to the *[facility's]* agency's size and the scope of its program.

(D) Staff/Child Ratios.

1. At least one (1) direct care staff for every *[eight (8) children, eight (8) years of age and over]* four (4) children, birth to six (6) years of age, shall be on duty during waking hours.

2. Staff shall be awake during children's sleeping hours, and maintain staff/child ratios *[shall be one (1) staff for every sixteen (16) children]* of one (1) staff for every six (6) children from birth to six (6) years of age.

3. At least one (1) direct care staff for every six (6) children, age six (6) years and older shall be on duty during waking hours.

4. Staff shall be awake during children's sleeping hours and maintain staff/child ratios of one (1) staff for every twelve (12) children age six (6) years and older.

Reference Chart

| Age Range | Level of Care | Direct Care Staff to Resident Ratio | |
|------------------------|-----------------------|-------------------------------------|--|
| | | Awake | Asleep |
| Birth to six (6) years | Residential Treatment | One (1) staff per four (4) children | One (1) staff per six (6) children. Staff must remain awake. |
| Age six (6) and older | Residential Treatment | One (1) staff per six (6) children | One (1) staff per twelve (12) children. Staff must remain awake. |

5. An agency licensed, or buildings constructed after (effective the date of this amendment) shall have no more than two (2) children in a sleeping room.

(E) Training. All staff working with children must receive at least forty (40) hours annually of in-service training and meet the training requirements in accordance with 13 CSR 35-71.045. At least ten (10) hours of the training must be related specifically to treatment issues with emotionally disturbed, mentally ill, behaviorally disordered, medically fragile, physically disabled, and/or developmentally delayed children. Professional staff providing sexual abuse treatment are required to have fifteen (15) hours of annual training in investigation, treatment, nature, extent, and causes of sexual abuse pursuant to section 660.526, RSMo;

(F) Treatment Plan Review.

1. Each child's treatment plan shall be reviewed and updated at least every three (3) months.

2. If a child shows no progress toward achieving the goals and objectives in the treatment plan since the plan was developed or last reviewed, the reasons for continuing the child in the *[facility's]* agency's program must be included in the child's record.

3. Appropriate information about the updated treatment plan shall be given to the child and the child's parent(s), guardian, or legal custodian and documented in the child's record.

4. A minimum of one (1) hour of *///*individual, group, or family counseling sessions shall be provided to each child at least one (1)

time a week with other sessions available as needed.

(G) Locked Isolation.

1. Prior to the implementation of a locked isolation room, the agency shall have approval of the State Fire Marshal and the division.

[1.]2. Written policies for the use of locked isolation shall be made available to the child's parent(s), or guardian or legal custodian, or both, and when appropriate, to the child.

[2.]3. Agencies utilizing locked isolation shall submit a plan for the emergency evacuation of isolated residents to the licensing unit including documentation that staff has included evacuating residents from locked isolation during fire drills.

[3.]4. Locked isolation *[shall]* may be used only as a management method after all other verbal de-escalation measures have been exhausted, and never to replace other more positive measures of control. Documentation of intervention methods used to prevent use of locked isolation must be in the resident's record.

[4.]5. Locked isolation *[shall]* may be used only when a child presents a danger to him/herself or others *[or poses a threat of serious property damage]*.

[5.]6. Locked isolation shall be used in the shortest intervals possible until the child regains reasonable self-control.

[6.]7. The maximum time a child may remain in locked isolation is *[two (2) hours]* thirty (30) minutes, unless extensions are approved at the end of every *[two (2)-hour]* thirty (30) minute

period by the [administrator] program director or a qualified designee. A child shall not remain in locked isolation more than a [twelve (12)-hour] two (2) hour period. If the child has not regained control after [twelve (12)] two (2) hours, a medical order shall be obtained.

[7./8. When a child is placed in locked isolation, staff shall physically monitor the child in at least [fifteen (15)] five (5) minute intervals [unless closed circuit television contact is maintained]. Staff shall remain in close proximity to the child in locked isolation with no more than one (1) locked door between the staff and the child. Close proximity means that staff are close enough to the child(ren) to be able to hear any sounds the child(ren) might make that would indicate a need for assistance.

[8./9. Not more than one (1) child shall be in a locked isolation room. A locked isolation room shall not be utilized for any other purpose.

10. Within twenty-four (24) hours of each locked isolation incident, treatment staff shall debrief the incident with the resident.

[9./11. The agency shall maintain a record when locked isolation is used, which shall include:

A. The name of the child, the date, and the time the child was placed in locked isolation;

B. The circumstances that led to the placement of the child in locked isolation **and efforts to prevent the use of locked isolation;**

C. The name of the staff person who requested placement of the child in locked isolation, the staff person who approved locked isolation and the name of the staff person who monitored the child while in locked isolation; [and]

D. The amount of time the child remained in locked isolation, the frequency of monitoring and the time of and reasons for release[.];

E. Documented behavioral observations of the child at each five (5) minute interval;

F. Specific notation of any extension of locked isolation including reasons for the extension and by whom approval for extension was given; and

G. Documentation of results of debriefing that includes recommendations of staff and resident for avoiding similar situations.

[10./12. For agencies permitting the use of locked isolation, the [administrator] treatment team shall review its usage at least [monthly] weekly and sign/date the isolation report. [The agency shall train all new staff in the use of locked isolation.]

A. Written policies for the use of locked isolation shall be distributed to staff, and there shall be documented training provided to staff in the policies and use of locked isolation, which shall include, but not be limited to:

(I) Directions for the removal of all dangerous items from the child, including but not limited to, belts, shoelaces, jewelry, items in pockets, matches, and any other items which represent a potential hazard during locked isolation; and

(II) Proper written documentation of the use of locked isolation.

[11./13. If the agency does not meet all requirements for the use of locked isolation, the division shall give written notice of the specific deficiencies and the agency shall not use locked isolation until corrections are made and approved by the division.

[12./14. Locked isolation rooms shall be constructed and equipped so that control is maximized, but the risk of suicide or injury to children is minimized. The following shall apply:

A. An isolation room shall be constructed to allow for both visual and auditory supervision of a child;

B. An isolation room shall have one (1) approved locking-against-egress device which shall be used only when staff are immediately present, awake, and in possession of a key. There shall be a backup system which does not rely on a key[;], i.e., **an electronic**

locking-release mechanism, as approved by the State Fire Marshal;

C. Potentially dangerous articles shall be removed from the child prior to placing the child in locked isolation, for example, belts, shoes, matches **and/or** contents of pockets;

D. An isolation room shall have at least a seven and one-half foot (7 1/2') ceiling and be of sufficient length and width for the comfort of the child;

E. All doors, ceilings, and walls shall be constructed of such strength and noncombustible material that harm to the child is minimized;

F. All switches controlling lights, ventilation, and the like, shall be on the outside of the room;

G. In order to prevent harm to the child, windows shall be secured and made of tempered material to prevent shattering;

H. No functional electrical outlets shall be allowed in the room;

I. Tamper-resistant, recessed ceiling lights shall be utilized, and steam or hot water radiators shall be enclosed in a tamper-resistant, protective casing;

J. The room shall be properly heated, cooled, and ventilated;

K. Normal toileting and bathing facilities shall be available during isolation; and

L. The agency shall have a schedule for monthly routine maintenance of the locks.

AUTHORITY: sections 210.481, [RSMo (1986)] 210.486, and 210.506, RSMo [(Cum. Supp. 1993)] 2000. This rule originally filed as 13 CSR 40-71.130. Emergency rule filed Nov. 1, 1993, effective Nov. 12, 1993, expired March 11, 1994. Emergency rule filed March 2, 1994, effective March 12, 1994, expired July 9, 1994. Original rule filed Nov. 1, 1993, effective June 6, 1994. Moved to 13 CSR 35-71.130, effective Oct. 30, 2008. Amended: Filed Dec. 16, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Children's Division, Tim Decker, Director, PO Box 88, Jefferson City, MO, 65103. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

**Title 13—DEPARTMENT OF SOCIAL SERVICES
Division 35—Children's Division
Chapter 71—Licensing Rules for Residential [Child Care
Agencies] Treatment Agencies for Children and Youth**

PROPOSED AMENDMENT

13 CSR 35-71.140 Specialized Standards For Intensive Residential Treatment for Children and Youth. The division is amending the title of the chapter and section (1).

PURPOSE: The Children's Division is amending staff/child ratios to enhance child safety, staff training in relevant intensive residential treatment issues, a minimum of one (1) hour of individual, group, or family counseling sessions two (2) times a week, recognition that intensive residential treatment is not meant to replace the need for more restrictive settings such as psychiatric care or incarceration indicated by psychological evaluation, psychiatric evaluation, or by

physician or court order, electric locking mechanism approved by the State Fire Marshal, and no more than one (1) child per sleeping room.

(1) In addition to the licensing rules for basic residential *[care]* **treatment for children and youth**, an agency seeking to provide intensive residential treatment **for children and youth** shall meet these additional requirements—

(A) Personnel.

1. Program director. The person responsible for the overall treatment program shall be full-time staff with at least the following minimum qualifications:

A. A master's degree in social work or human service field from an accredited college or university or licensed as a clinical social worker; and

B. Two (2) years' experience providing treatment services. One (1) year of this experience must have been in a residential **treatment** setting.

2. Assessment staff. Staff responsible for developing an initial assessment and treatment plan for each child shall have at least the following minimum qualifications:

A. A master's degree in social work or human service field from an accredited college or university or licensed as a clinical social worker; and

B. One (1) year of experience in a residential treatment setting.

3. Professional staff.

A. Agencies must have sufficient appropriately qualified professional staff available on a full-time, part-time, or continuing consultative basis, or any combination of these, to address the needs of children in care.

B. The professional staffing plan must be in writing and implemented by the *[facility]* **agency**.

C. The professional staff plan must document that the number, qualifications, and responsibilities of professional staff are appropriate to the *[facility's]* **agency's** size and the scope of its program;

(B) Nursing Personnel. The agency shall employ and schedule a licensed nurse for not less than twenty (20) hours per week;

(C) Staff/Child Ratios. Staff/child ratios shall be maintained at not less than a *[one to six (1:6)]* **one to four (1:4) ratio [at all times] for children ages birth to age six (6) years when children are awake and one to five (1:5) ratio when children ages birth to age six (6) years are asleep and one to five (1:5) ratio when children/youth ages six (6) to twenty-one (21) years are awake and one to six (1:6) ratio when children and youth ages six (6) to twenty-one (21) years are asleep**. Staff shall remain awake on duty during children's sleeping hours;

Reference Chart

| Age Range | Level of Care | Direct Care Staff to Resident Ratio | |
|-----------------------------|----------------|--|--------|
| | | Awake | Asleep |
| Birth to age six (6) years | Intensive Need | A minimum of one (1) staff per four (4) children when children are awake and a minimum of one (1) staff per five (5) children when children are asleep. Staff shall remain awake on duty during children's sleeping hours. | |
| Age six (6) years and older | Intensive Need | A minimum of one (1) staff per five (5) children/youth when children/youth are awake and one (1) staff per six (6) children/youth when children/youth are asleep. Staff shall remain awake on duty during children's/youth's sleeping hours. | |

(D) Training. All staff working with children must receive at least forty (40) hours annually of in-service training at least ten (10) hours of the training must be specifically related to **relevant** intensive residential treatment issues;

(E) Treatment Plan Review.

1. Each child shall have an initial written treatment plan within ten (10) days of admission.

2. Each child's treatment plan must be reviewed and updated at least every month.

3. If a child shows no progress toward achieving the goals and objectives in the treatment plan since the plan was developed or last reviewed, the reason(s) for continuing secure care shall be included in the child's record.

4. Appropriate information about the updated treatment plan must be given to the child and the child's parent(s), guardian, or legal custodian. This must be documented in the child's record.

5. A **minimum of one (1) hour of** [//individual, group or family counseling sessions shall be provided to each child at least two (2) times a week with other sessions available as needed.

6. If the assessment of a child indicates a need for treatment by a psychiatrist or if the child is currently under psychiatric care, the agency shall provide or arrange for appropriate consultation and treatment;

7. If the assessment of the child indicates a need for a more restrictive environment, the agency shall contact the child's treatment team, case manager, legal guardian, and legal custodian to plan for the child's placement in a more appropriate facility. Intensive residential treatment is not meant to replace the need for more restrictive settings such as psychiatric care or incarceration when indicated by psychological evaluation, psychiatric evaluation, or by physician or court order.

(F) Recreation. A recreation plan shall be developed by an individual with a degree in recreational therapy or a related field with at least one (1) year's experience in working with children in a residential treatment setting; *[and]*

(G) Safety-Emergency Evacuation Procedure. Locking hardware is permitted on children's sleeping room doors if they are equipped with *[approved]* electronic locking-release mechanism **approved by the State Fire Marshal** or if staff are immediately present, awake, and in possession of a key for the locking device, or both. **There shall be a backup system which does not rely on a key, i.e., an electronic release mechanism, as approved by the State Fire Marshal; and**

(H) Sleeping Area. An agency licensed, or buildings constructed after (effective the date of this amendment) shall house no more than one (1) child in a sleeping room.

AUTHORITY: sections 210.481, [RSMo (1986)] 210.486, and 210.506, RSMo [(Cum. Supp. 1993)] 2000. This rule originally filed as 13 CSR 40-71.140. Emergency rule filed Nov. 1, 1993, effective Nov. 12, 1993, expired March 11, 1994. Emergency rule filed March 2, 1994, effective March 12, 1994, expired July 9, 1994. Original rule filed Nov. 1, 1993, effective June 6, 1994. Moved to 13 CSR 35-71.140, effective Oct. 30, 2008. Amended: Filed Dec. 16, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Children's Division, Tim Decker, Director, PO Box 88, Jefferson City, MO, 65103. To be considered, comments must be received with-

in thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

**Title 13—DEPARTMENT OF SOCIAL SERVICES
Division 65—Missouri Medicaid Audit and Compliance
Chapter 2—Medicaid**

PROPOSED RULE

13 CSR 65-2.010 Definitions

PURPOSE: This rule implements federal regulatory requirements promulgated by the United States Department of Health and Human Services, Centers for Medicare and Medicaid Services at 76 Fed. Reg. 5862 (February 2, 2011), 42 CFR Parts 455 and 457, defining the terms used in the rules of the Missouri Medicaid Audit and Compliance Unit.

(1) Application shall include:

(A) Enrollment application to become a MO HealthNet Program provider;

(B) Revalidation application to remain a MO HealthNet Program provider;

(C) New practice location application;

(D) Provider direct deposit application;

(E) Change of ownership application;

(F) Hardship waiver request; or

(G) Other information MMAC needs, under applicable federal or state laws and regulations, in order to enroll a MO HealthNet program provider.

(2) Application fee means a fee required to be paid by a MO HealthNet Program institutional provider at the time of—

(A) Initial application;

(B) Revalidation application;

(C) Change of ownership application; or

(D) New practice location application.

(3) Applying provider means any person submitting an application to become a MO HealthNet Program provider, submitting a renewal or revalidation application to continue to be a MO HealthNet Program provider and/or submitting an application to establish a new practice location.

(4) Approve/Approval as to a billing provider means the billing provider has been determined to be eligible under Medicaid rules and regulations to receive a Medicaid billing number and be granted Medicaid billing privileges.

(5) Approve/Approval as to a performing provider means the performing provider has been determined to be eligible under Medicaid rules and regulations to receive a Medicaid billing number.

(6) Best interests of the MO HealthNet Program shall include consideration of the following factors:

(A) Ensuring reasonable access to MO HealthNet Program services;

(B) Promoting health, safety, and welfare of participants;

(C) The provider's history of compliance with applicable rules and regulations related to the MO HealthNet Program; and

(D) Any other factors related to MO HealthNet Program integrity.

(7) Billing provider means a provider or supplier who is authorized to bill the MO HealthNet Program for items or services provided to Medicaid participants. Billing provider includes providers who are

authorized to bill Medicaid for items or services provided by performing providers.

(8) Closed-end provider agreement means an agreement which is for a specific period of time not to exceed twelve (12) months and which must be renewed in order for the provider to continue to participate as a Missouri Medicaid Title XIX, SCHIP Title XXI, or Waiver program provider.

(9) Deactivate means that the provider's billing privileges were stopped, but such provider's billing number was not terminated.

(10) Deny/Denial means the applying provider has been determined to be ineligible under Medicaid rules and regulations to receive a Medicaid billing number and/or Medicaid billing privileges.

(11) Department means the Department of Social Services or its designated divisions or units.

(12) Enroll/Enrollment means the process that MMAC uses to establish eligibility to receive a Medicaid billing number and/or Medicaid billing privileges. The process includes:

- (A) Identification of a provider;
- (B) Validation of the provider's eligibility to provide items or services to Medicaid beneficiaries;
- (C) Identification and confirmation of the provider's practice location(s) and owner(s); and
- (D) Granting the provider Medicaid billing privileges and/or a Medicaid billing number.

(13) Enrollment application means a MMAC-approved paper enrollment application or an electronic MMAC-approved enrollment process.

(14) Federal health care program means a program as defined in section 1128B(f), of the Social Security Act.

(15) Fiscal agent means an organization under contract to the state of Missouri for providing services related to the administration of the MO HealthNet Program.

(16) Hardship means a financial condition in which paying the application fee would impose a significant financial burden on the provider, and the provider is otherwise eligible to be a MO HealthNet Program provider. Other factors which may indicate that a hardship exists include:

- (A) Considerable bad debt expenses incurred by the provider;
- (B) Considerable amount of charity care/financial assistance furnished to patients;
- (C) Presence of substantive partnerships (whereby clinical, financial integration are present) with those who furnish medical care to a disproportionately low-income population;
- (D) Whether an institutional provider receives considerable amounts of funding through disproportionate share hospital payments; or
- (E) Whether the provider is enrolling in a geographic area that is a presidentially-declared disaster area under the Robert T. Stafford Disaster Relief and Emergency Assistance Act, 42 U.S.C. 5121-5206 (Stafford Act).

(17) Hardship waiver request means a request submitted to MMAC (defined below) along with the provider application requesting that the application fee be waived due to hardship, detailing the hardship, and providing any documentation in support of the hardship waiver request.

(18) Institutional provider is a non-corporeal provider. Individual physicians, individual dentists, and individual non-physician practitioners

are not institutional providers. Institutional provider includes, but is not limited to:

- (A) Ambulance service suppliers (ambulance);
- (B) Ambulatory surgical centers;
- (C) Community mental health centers;
- (D) Comprehensive outpatient rehabilitation centers (comprehensive rehabilitation centers);
- (E) End stage renal disease facilities (dialysis clinic);
- (F) Federally qualified health centers;
- (G) Health clinics;
- (H) Histocompatibility laboratories;
- (I) Home health agencies;
- (J) Hospices;
- (K) Hospitals;
- (L) Inpatient psychiatric facilities;
- (M) Inpatient rehabilitation facilities;
- (N) Independent clinical laboratories;
- (O) Independent diagnostic testing facilities;
- (P) Mammography centers;
- (Q) Mass immunizers (roster billers);
- (R) Mental health hospitals or inpatient facilities;
- (S) Organ procurement organizations;
- (T) Outpatient physical therapy facilities;
- (U) Outpatient occupational therapy facilities;
- (V) Outpatient rehabilitation centers;
- (W) Outpatient speech pathology services;
- (X) Pharmacies;
- (Y) Portable x-ray suppliers (independent x-ray supplier);
- (Z) Public health department clinics;
- (AA) Skilled nursing facilities (nursing home);
- (BB) Radiation therapy centers;
- (CC) Religious nonmedical healthcare institutions;
- (DD) Rural health clinics;
- (EE) Other institutional entities that bill the MO HealthNet Program on a fee-for-service basis, such as personal care agencies, non-emergency transportation providers, residential care facilities, adult day care facilities, assisted living facilities, residential treatment centers, providers billing under the Consumer Directed Services Program or entities established under sections 205.968-205.973, RSMo;

(FF) Durable medical equipment, prosthetics, orthotics, and supplies suppliers whether owned by physicians or otherwise;

(GG) Institutional non-profit and public providers;

(HH) Institutional providers establishing a new practice location in a different enrollment jurisdiction or as a new provider type;

(II) Local education agencies, which are institutional providers consistent with the state plan; or

(JJ) Any other types of non-corporeal MO HealthNet Program providers consistent with the state plan, the Waiver Program, and CHIP Title XXI.

(19) Limited provider agreement means an agreement with an applying provider which has been accepted as a MO HealthNet Program provider by MMAC (defined below) conditional upon the applying provider performing services, delivering supplies, or otherwise participating in the program only in adherence to, or subject to, specially set out conditions agreed to by the applying provider prior to enrollment.

(20) Managed care entity has the same meaning as set forth in 42 CFR Section 455.101 (2011).

(21) Managing employee means a general manager, business manager, administrator, director, or other individual who exercises operational or managerial control over, or who directly or indirectly conducts, the day-to-day operation of the provider, either under contract or through some other arrangement, whether or not the individual is a W-2 employee of the provider.

(22) Missouri Medicaid Audit and Compliance Unit (MMAC) means the unit within the Department of Social Services that is responsible for the oversight and auditing of compliance for the Medicaid Title XIX, CHIP Title XXI, and Waiver Program in Missouri, which includes the oversight and auditing of compliance of MO HealthNet providers and Medicaid participants through the lock-in program. MMAC is charged with the responsibility of detecting, investigating, and preventing fraud, waste, and abuse of the Missouri Medicaid Title XIX, CHIP Title XXI, and waiver program.

(23) Medical assistance benefits means those benefits authorized to be provided by Chapter 208, RSMo.

(24) MO HealthNet Program means programs operated pursuant to Title XIX of the Social Security Act, Title XXI of the Social Security Act and/or waiver programs authorized by the United States Department of Health and Human Services.

(25) MO HealthNet Program provider means applying provider, billing provider, and/or performing provider.

(26) MO HealthNet means the division within the department, pursuant to 208.001 and 208.201, RSMo that administers the Medicaid Title XIX, CHIP Title XXI, and waiver programs, approves claims from MO HealthNet providers for services or merchandise provided to eligible Medicaid participants and authorizes and disburses payment for those services or merchandise accordingly.

(27) Non-physician practitioner means any person other than a physician or dentist that provides medical, dental, or professional items or services such as, but not limited to, nurses, therapists, counselors, social workers, pharmacists, pharmacies, and dental hygienists. This does not include persons that provide nonmedical support services such as clerical staff, carpenters, janitorial staff, food service workers, home health aides, personal care aides, Adult Day Health Care employees and Adult Day Care waiver employees, community support workers and case managers, peer specialists, family support workers, family assistance workers, psychosocial rehabilitation workers, detox technicians/aides, residential technicians/aides, personal assistants, non-professional direct care staff and other secondary support services, but does include the organizations that bill for services provided by these persons.

(28) Owner means any individual or entity that has any partnership interest in, or that has five percent (5%) or more direct or indirect ownership of, the provider as defined in sections 1124 and 1124A(a) of the Social Security Act.

(29) Ownership or control interest means a person has a direct or indirect ownership of five percent (5%) or more, or is a managing employee, of a provider.

(30) Participant means a person who is eligible to receive benefits allocated through the department as part of the MO HealthNet Program.

(31) Performing provider means a provider or supplier who provides items or services to Medicaid participants but who does not directly bill the MO HealthNet Program for such items or services or does not directly receive payment from the MO HealthNet Program for such items or services. Performing provider also includes referring and/or ordering physicians, dentists, and non-physician practitioners.

(32) Person means any corporeal person or individual; or any legal or commercial entity, including but not limited to, any partnership, corporation, not-for-profit, professional corporation, business trust, estate, trust, limited liability company, association, joint venture, governmental agency, or public corporation.

(33) Provider means billing and performing providers and includes any person that enters into a contract or provider agreement with MMAC for the purpose of providing items or services to Missouri Medicaid participants. Provider includes ordering and referring physicians, dentists, and non-physician practitioners.

(34) Provider agreement means an agreement, no greater than five (5) years in duration, and no less than twelve (12) months in duration, requiring revalidation prior to expiration of the agreement, with MMAC which provides a provider with the authority to provide items or services to eligible Missouri Medicaid participants.

(35) Provider application means the MMAC-approved application and supplemental forms required to be submitted for the purpose of becoming a MO HealthNet Program provider, containing all information and documentation requested by MMAC.

(36) Provider direct deposit means a signed writing utilizing forms specified by MMAC containing all information requested by MMAC and submitted by a provider of Medicaid Title XIX, CHIP Title XXI, or waiver program services for the purpose of having Missouri Medicaid checks automatically deposited to an authorized bank account.

(37) Reject/Rejected means that the provider's enrollment application was not processed due to incomplete information, failure to submit application fee, or hardship waiver request, or that additional information or corrected information was not received from the provider in a timely manner.

(38) Revalidation means the requirement that all existing MO HealthNet Program providers must go through a revalidation application process in accordance with this rule to continue to be a MO HealthNet Program provider.

(39) Revalidation application means an approved MMAC revalidation application and supplemental forms which are required to be submitted by all existing MO HealthNet Program providers containing all information and documentation requested by MMAC under applicable federal or state laws and regulations and submitted at the time revalidation is required pursuant to this rule.

(40) Site visit may include any or all of the following:

(A) Physical visit to, and inspection of, the premises of the provider;

(B) Obtaining photographs of the provider or the provider's business for inclusion in the provider's enrollment file;

(C) Full documentation of observations made at the provider's premises including such facts as:

1. The facility was vacant and free of all furniture;

2. A notice of eviction or similar documentation is posted at the facility; and

3. The premises are not occupied by the provider, but by another person;

(D) A written report of the findings regarding each site visit;

(E) Verification that the facility is operational, open for business, and staff is present;

(F) Verification that customers are present at the facility where appropriate for the provider type;

(G) Acceptance of attestation with documentation when deemed appropriate by MMAC and consistent with applicable federal or state laws and regulations; or

(H) Acceptance of proof of a recent site visit under the Medicare program or other state Medicaid program when deemed appropriate by MMAC and consistent with applicable federal or state laws and regulations.

(41) State plan means a document completed by the state of Missouri to tell the United States Department of Health and Human Services, Centers for Medicare and Medicaid Services (CMS) how the state will administer the MO HealthNet program according to federal laws and regulations.

(42) Suspension from participation means an exclusion from being a provider for a specified or indefinite period of time.

(43) Suspension of payments means withholding of payments otherwise due to a provider for a specified or indefinite period of time.

(44) Termination means the department's non-temporary discontinuation of a provider's billing privileges and/or elimination of the provider's number.

(45) Voluntary termination means that a provider submits written confirmation to MMAC of its decision to discontinue enrollment in the MO HealthNet Program. In addition, if a provider's agreement, on March 25, 2016, has an effective date of March 25, 2011, or earlier, that provider agreement shall be deemed voluntarily terminated.

(46) Waiver program means programs authorized in section 1915 of the Social Security Act (or other waiver programs authorized by federal law). These programs permit states to furnish an array of services that complement and/or supplement the services that are available to participants through the state plan.

(47) Written notice means a notice to the address of the provider as listed in MMAC's system, in writing, transmitted via the US mail, other public or private service for the delivery of correspondence, packages or other things, facsimile, e-mail, or any other method/mode of transmittal that is deemed by MMAC to be an efficient, cost-effective, verifiable and reliable method/mode of communication with the provider or applying provider.

AUTHORITY: sections 660.017 and 208.159, RSMo 2000. Original rule filed Dec. 12, 2013.

PUBLIC COST: This proposed rule will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed rule will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed rule with the Department of Social Services, Jessica Dresner, Director, Missouri Medicaid Audit and Compliance Unit, PO Box 6500, 205 Jefferson St., 2nd Floor, Jefferson City, MO 65102. To be considered, comments must be received within thirty (30) days after publication of this notice in the *Missouri Register*. No public hearing is scheduled.

Title 13—DEPARTMENT OF SOCIAL SERVICES Division 65—Missouri Medicaid Audit and Compliance Chapter 2—Medicaid

PROPOSED RULE

13 CSR 65-2.020 Provider Enrollment and Application

PURPOSE: This rule implements federal regulatory requirements promulgated by the United States Department of Health and Human Services, Centers for Medicare and Medicaid Services at 76 Fed. Reg. 5862 (February 2, 2011), 42 CFR Parts 455 and 457, establishing the basis on which providers under the MO HealthNet Program may be approved or denied as a new provider and/or as a revalidat-

ing provider, establishing the basis on which a new practice location may be approved or denied, establishing a revalidation requirement for all providers and establishing application and periodic screening requirements.

PUBLISHER'S NOTE: The secretary of state has determined that the publication of the entire text of the material which is incorporated by reference as a portion of this rule would be unduly cumbersome or expensive. This material as incorporated by reference in this rule shall be maintained by the agency at its headquarters and shall be made available to the public for inspection and copying at no more than the actual cost of reproduction. This note applies only to the reference material. The entire text of the rule is printed here.

(1) Enrollment.

(A) All persons are required to enroll with MMAC as a billing or performing provider in the MO HealthNet Program if the services or items they provide will be billed to the MO HealthNet Program.

(B) For any person to receive payment from the MO HealthNet Program for items or services other than out-of-state emergency services, the billing providers and the performing providers of such items or services must be enrolled providers in the MO HealthNet Program on the date the items or services are provided unless applicable rules or manuals permit enrollment as of an earlier date, up to a maximum of three hundred sixty-five (365) days prior to the actual enrollment date.

(C) As required by 42 CFR Section 455.440, all claims for payment for items and services that were ordered or referred must contain the National Provider Identifier (NPI) of the provider who ordered or referred such items or services.

(D) All persons enrolled as MO HealthNet providers shall abide by the policies and procedures set forth in the MO HealthNet provider manual(s) applicable to the provider's provider type(s). The MO HealthNet provider manuals are incorporated by reference and made a part of this rule as published by the Department of Social Services, MO HealthNet Division, 615 Howerton Court, Jefferson City, MO 65109, at the website dss.mo.gov/mhd, January 15, 2014. This rule does not incorporate any subsequent amendments or additions. A MO HealthNet provider's breach of any MO HealthNet provider manual may result in imposition of sanctions, including but not limited to, termination.

(2) Application.

(A) All applying providers shall have a valid e-mail address and shall submit an MMAC-approved application and any supplemental forms, information and documentation required by MMAC for the appropriate provider type for which the person is applying.

(B) All information and documentation requested in the application and supplemental forms must be provided to MMAC prior to the application being considered and screening being conducted pursuant to this rule.

(C) Specific application instructions are modified as necessary for efficient and effective administration of the MO HealthNet Program as required by federal or state laws and regulations. Providers should refer to the appropriate MMAC provider bulletins and application filing instructions for specific application filing instructions and information, which are incorporated by reference and made a part of this rule as published by the Department of Social Services, Missouri Medicaid Audit and Compliance Unit, 205 Jefferson Street, Second Floor, Jefferson City, MO 65109, at its website mmac.mo.gov, January 15, 2014. This rule does not incorporate any subsequent amendments or additions.

(D) The application shall include all information required in the mandatory disclosures pursuant to section (3). Upon submission of any application(s), supplemental form(s), information and documentation requested in the application(s) and supplemental form(s), MMAC may, at its discretion, request additional or supplemental information and documentation from the applying provider prior to considering the application and/or conducting screening pursuant to

this rule in order to clarify any information previously submitted and to verify that the provider meets all applicable requirements of state or federal laws and regulations.

(3) All providers, fiscal agents, and managed care entities are required to disclose as follows:

(A) The following disclosures are mandatory:

1. The name and address of any person with an ownership or control interest in the applying provider. The address for corporate entities must include as applicable primary business address, every business location, and PO Box address;

2. Date of birth and Social Security Number (in the case of a corporeal person);

3. Other tax identification number of any person with an ownership or control interest in the applying provider or in any subcontractor in which the applying provider has a five percent (5%) or more interest;

4. Whether any person with an ownership or control interest in the applying provider is related to another person with ownership or control interest in the applying provider as a spouse, parent, child, or sibling;

5. Whether any person with an ownership or control interest in any subcontractor in which the applying provider has a five percent (5%) or more interest is related to another person with ownership or control interest in the applying provider as a spouse, parent, child, or sibling;

6. The name of any other provider or applying provider in which an owner of the applying provider has an ownership or control interest; and

7. The name, address, date of birth, and Social Security Number of any managing employee of the applying provider;

(B) Disclosures from any provider or applying provider are due at the following times, and must be updated within thirty-five (35) days of any changes in information required to be disclosed:

1. Upon the provider or applying provider submitting an application; and

2. Upon request of MMAC;

(C) Disclosures from fiscal agents are due at the following times:

1. Upon the fiscal agent submitting the proposal;

2. Upon request of MMAC;

3. Ninety (90) days prior to renewal or extension of the contract; and

4. Within thirty-five (35) days after any change in ownership of the fiscal agent;

(D) Disclosures from managed care entities (managed care organizations, prepaid inpatient health plans, prepaid ambulatory health plans, and health insuring organizations), except primary care case management programs, are due at the following times:

1. Upon the managed care entity submitting the proposal;

2. Upon request of MMAC; and

3. Ninety (90) days prior to renewal or extension of the contract;

(E) Disclosures from Primary Care Case Management Programs (PCCM). PCCMs will comply with disclosure requirements under subsection (B) of this section;

(F) All Disclosures Must be Provided to MMAC. Disclosures not made to MMAC will be deemed non-disclosed and not in compliance with this section; and

(G) Consequences for Failure to Provide Required Disclosures.

1. Any person's failure to provide, or timely provide, disclosures pursuant to this section may result in deactivation, denial, rejection, suspension, or termination. If the failure is inadvertent or merely technical, MMAC may choose not to impose consequences if, after notice, the person promptly corrects the failure.

2. If federal financial participation (FFP) is recouped or withheld from the MO HealthNet Program because of any person's failure to provide, or timely provide, disclosures pursuant to this section, the amount recouped or withheld from the MO HealthNet Program shall be an overpayment, in addition to any other overpay-

ment, assessed against the person who failed to provide, or timely provide, the disclosures that resulted in the recoupment and or withholding of FFP. If the person subsequently corrects the failure such that FFP is restored, the overpayment shall be rescinded.

(4) Provider Revalidation.

(A) All enrolled MO HealthNet Program providers as of the effective date of this rule who are not on a closed-end provider agreement shall revalidate their enrollment as a MO HealthNet Program provider, on or before March 24, 2016, according to the schedule of revalidation, included herein by submitting an MMAC-approved revalidation application, supplemental forms, information, and documentation requested by MMAC, along with any required application fee and/or hardship waiver request, if applicable.

(B) All MO HealthNet Program providers shall revalidate their enrollment as MO HealthNet providers every five (5) calendar years from the effective date of the provider's most recently executed provider agreement, in order to remain a MO HealthNet provider. For example, a provider whose initial or revalidated provider agreement is effective on March 1, 2014, is required to revalidate his/her/its enrollment no later than March 1, 2019.

(C) The MMAC approved revalidation application, supplemental forms, information, and documentation requested by MMAC, along with the application fee and/or hardship waiver request, if applicable, shall be submitted no later than one-hundred twenty (120) days prior to the expiration of the effective provider agreement.

(D) Revalidating providers must comply with the requirements of this rule and will be subject to the screening process noted in this rule upon revalidation in order to have their applications for revalidation approved.

(E) MMAC may request that the provider revalidate on an off-cycle revalidation period as a result of random checks, information obtained by MMAC indicating local health care fraud problems, national initiatives, complaints, or other reasons that cause MMAC to question the compliance of the provider with MO HealthNet Program enrollment requirements.

(F) All MO HealthNet provider agreements with effective dates on or before the effective date of this rule shall be terminated by MMAC pursuant to the terms of the provider agreement, effective March 25, 2016, if the provider has not revalidated or begun the process of revalidation.

(5) Application Fee.

(A) An application fee, hardship waiver request, and/or an exemption reason must accompany every institutional provider's application.

(B) The application fee must be in the form of a cashier's check, money order, or an electronic payment acceptable to MMAC and for the correct application fee amount in effect as of the date of receipt by MMAC.

(C) Failure to submit the application fee in the form of a cashier's check, money order, or electronic payment acceptable to MMAC for the correct amount will result in the return of the fee to the provider and rejection of the application.

(D) The application fee shall be as determined by the Centers for Medicare and Medicaid Services (CMS) every year pursuant to 42 C.F.R. Section 424.514(d). A year runs from the first of January of each year to December 31 of that same year.

(E) An institutional provider shall submit an application and application fee for each provider type for which the institutional provider is applying. If an application is denied and the institutional provider submits another application, an additional application fee shall be included with each, all, and every subsequent application.

(F) If a person as defined herein is considered to be an institutional provider as defined herein, that person is required to pay the fee.

(G) Exemptions from Application Fee. Providers who are enrolled in, and paid the application fee required by CMS for, Medicare or another state's Title XIX or Title XXI program within two (2) years of the date the application to enroll as a MO HealthNet Provider shall

be exempt from paying an application fee. Providers seeking an exemption from the application fee are responsible for notifying MMAC, in writing, that they qualify for exemption and for providing proof of such qualification.

(6) Hardship Waiver Request.

(A) Institutional providers may submit application fee hardship waiver requests when submitting their initial enrollment applications, their revalidation applications, and their applications to establish new practice locations.

(B) A hardship waiver request may be granted if any of the following exists:

1. The provider demonstrates, via authenticated financial and legal records, hardship and MMAC, at its discretion, determines that imposition of the application fee would result in a hardship for the provider subject to the following requirements.

A. All records submitted in support of a hardship waiver must be authenticated by an affidavit signed under oath by the applying provider's or provider's owner(s) and chief financial officer or chief executive officer. Records not meeting this requirement shall not be considered as evidence of hardship.

B. Providers applying for hardship waivers must permit, upon request, MMAC to inspect the provider's financial records and other records MMAC deems relevant to MMAC's determination of whether hardship exists, including, but not limited to, historical cost reports, recent financial reports such as balance sheets and income statements, cash flow statements, and tax returns. Any provider who does not permit MMAC to inspect such records upon MMAC's request shall be denied a hardship waiver. Any provider who is denied a hardship waiver request based upon the provider's failure to permit MMAC to inspect the provider's financial records and any other records MMAC deems relevant to MMAC's determination of whether a hardship exists, shall not be eligible for a waiver under paragraph 6(B)1. for a period of five (5) years from the date of MMAC's letter notifying the provider that its hardship waiver request was denied due to the provider's failure to permit MMAC to inspect the provider's records.

C. A provider who is granted a hardship waiver pursuant to paragraph 6(B)1. shall not be granted a second waiver based upon paragraph 6(B)1. for a period of five (5) years from the date of MMAC's letter notifying the provider that its most recent 6(B)1. waiver request was granted;

2. MMAC, in consultation with other state of Missouri departments, divisions and units, determines that imposition of the application fee would impede Missouri Medicaid participants' access to care;

3. A provider is submitting a provider application as a result of a national or state public health emergency situation as lawfully declared by a federal or state authority; and

4. The provider is owned and operated by the state of Missouri or an agency of the state of Missouri.

(C) Application fee hardship waiver requests shall be considered by MMAC on a case-by-case basis.

(D) Application fee hardship waiver requests are subject to approval by CMS.

(7) MMAC shall use the application fee to offset the costs associated with the provider screening program in its entirety. This includes, but is not limited to the following:

(A) Implementation and augmentation of MMAC's provider enrollment system; and

(B) Any other administrative costs related to the provider screening program, which include costs associated with processing fingerprints and conducting criminal background checks. The application fee does not cover the cost associated with capturing fingerprints and a provider may be charged additional costs for this purpose in addition to the application fee.

(8) Refund of the Application Fee.

(A) If an institutional provider is granted a hardship exception pursuant to this rule or if the application is rejected because it was not properly signed or is missing other information required to be provided on the application itself, and an application fee was included with the application and the hardship waiver request, the application fee shall be returned to the applying provider.

(B) Once the screening process has begun, regardless whether the application goes through part or all of the screening process, the application fee is non-refundable.

(9) Screening.

(A) The screening requirements contained in this section apply to all applying providers and to all persons disclosed, or required to be disclosed, in the application.

(B) MMAC shall conduct pre-enrollment screening and post-enrollment monthly screenings. Screenings shall include the following:

1. Screening pursuant to 42 C.F.R. Sections 455.410(a), (b); 42 CFR 455.412; 42 CFR 455.432; 42 CFR 455.436; and 42 CFR 455.452;

2. Screening to ensure that the providers meet all enrollment criteria for their provider type;

3. Unannounced pre- and post-approval site visits; and

4. For screening purposes, utilization of databases and other sources of information to prevent enrollment of non-existent providers, to ensure that spurious applications are not processed, and to prevent fraud, waste, and abuse in the MO HealthNet Program.

(C) The screening procedures and requirements in this rule shall be implemented as of the effective date of this rule.

(D) The new screening procedures and requirements will be applicable to all enrolled MO HealthNet Program providers and applying providers as of the effective date of this rule. All enrolled MO HealthNet providers are required to revalidate according to the schedule of revalidation. After being screened pursuant to this rule, MO HealthNet Program providers will be required to revalidate every five (5) years from the date of their most recent revalidation.

(E) Upon the effective date of this rule, no provider shall be allowed to enroll or revalidate in the MO HealthNet Program without being screened pursuant to this rule. On or before March 25, 2016, all providers in, and applying providers to, the MO HealthNet Program shall be screened pursuant to this section. By operation of law, any provider who has not been screened pursuant to this section on or before March 25, 2016, shall have his/her/its provider number deactivated at 5:00 p.m. on March 25, 2016. Such deactivation shall remain in effect until the provider or applying provider has been screened pursuant to this rule.

(F) The following screening categories are established for MO HealthNet providers, as required by federal law and regulation for Medicare and Medicaid providers under 42 CFR Section 424.518 and section 1902(kk) (1) of the Social Security Act. There are three (3) levels of screening: limited, moderate, and high. Each provider type is assigned to one (1) of these screening levels. If a provider could fit within more than one (1) screening level described in this section, the highest risk category of screening is applicable.

1. Limited Risk Category.

A. The following providers pose a limited risk of fraud, waste, and abuse to the MO HealthNet Program and are subjected to limited category screening:

(I) Physicians, dentists, or non-physician practitioners (except as otherwise listed in another risk category) and medical groups or clinics with the exception of physical therapists and physical therapy(ist) groups;

(II) Ambulatory surgical centers (ASCs);

(III) Competitive acquisition program/Part B vendors;

(IV) End-stage renal disease (ESRD) facilities;

(V) Federally qualified health centers (FQHCs);

(VI) Histocompatibility laboratories;

(VII) Hospitals, including critical access hospitals (CAHs);

(VIII) Health programs operated by an Indian Health

Program (as defined in section 4(12) of the Indian Health Care Improvement Act) or an urban Indian organization (as defined in section 4(29) of the Indian Health Care Improvement Act) that receives funding from the Indian Health Service pursuant to Title V of the Indian Health Care Improvement Act (IHS);

- (IX) Mammography screening centers;
- (X) Mass immunization roster billers;
- (XI) Organ procurement organizations (OPOs);
- (XII) Pharmacies;
- (XIII) Religious nonmedical health care institutions

(RNHCIs);

- (XIV) Rural health clinics (RHCs);
- (XV) Radiation therapy centers;
- (XVI) Skilled nursing facilities (SNFs);
- (XVII) Occupational therapists;
- (XVIII) Speech language pathologists;
- (XIX) Rehabilitation agencies; and
- (XX) Community mental health centers (CMHCs).

B. The providers in the limited category are subject to the following screening requirements:

(I) Verification that the applying provider, and all persons disclosed or required to be disclosed, meet all applicable federal regulations and MO HealthNet Program requirements for the provider type;

(II) Verification that the applying provider, and all persons disclosed, have a valid license, operating certificate, or certification if required for the provider type, and that there are no current limitations on such licensure, operating certificate, or certification which would preclude enrollment;

(III) Verification that the applying provider's, and that of all persons disclosed, license(s) held in any other state has/have not expired and that there is/are no current limitations on such license(s) which would preclude enrollment;

(IV) Confirmation of the identity of the applying provider and determination of the exclusion status of the applying provider and any person with an ownership or control interest or who is an agent or managing employee of the provider through routine checks of the following federal databases:

- (a) Social Security Administration's Death Master File;
- (b) National Plan and Provider Enumeration System;
- (c) List of Excluded Individuals/Entities;
- (d) The Excluded Parties List System;
- (e) Medicare Exclusion Database;
- (f) Department of the Treasury's Debt Check Database;

and

(g) Department of Housing and Urban Development's (DHUD) Credit Alert System or Credit Interactive Voice Response System;

(V) Database checks of the Missouri Department of Revenue;

(VI) Database check of the National Sex Offender Public Website;

(VII) The information from these databases shall be used to determine eligibility of the MO HealthNet provider and for verification of: the identity of the applying person; the Social Security Number; the National Provider Identifier (NPI); the National Practitioner Data Bank (NPDB) licensure; any exclusion by the Department of Health and Human Services, Office of Inspector General; the taxpayer identification number; any Missouri tax delinquencies and death of the applying provider and all other persons disclosed in the applications and supplemental forms; and

(VII) MMAC may conduct pre-approval site visits prior to acceptance of an applying provider's application.

2. Moderate Risk Category:

A. The following providers pose a moderate risk of fraud, waste, and abuse to the MO HealthNet Program and are subject to moderate screening requirements:

(I) Comprehensive outpatient rehabilitation facilities (CORFs);

(II) Hospice organizations;

(III) Independent diagnostic testing facilities (IDTFs);

(IV) Independent clinical laboratories;

(V) Ambulance service suppliers;

(VI) Physical therapists including physical therapy groups;

(VII) Portable x-ray suppliers;

(VIII) Revalidating home health agencies;

(IX) Revalidating durable medical equipment providers;

(X) Adult day care waiver providers;

(XI) Personal care providers, including providers billing under the Consumer Directed Services program;

(XII) Entities established under sections 205.968-205.973

RSMo;

(XIII) Prosthetics, orthotics and supplies suppliers (DME-POS) (this includes an existing pharmacy durable medical equipment supplier that seeks to add a new DMEPOS supplier store, new practice locations, and those that are owned by occupational or physical therapists); or

(XIV) Non-emergency transportation providers; and

B. In addition to the screening requirements for the limited risk category in (9)(F)1., the providers in the moderate risk category shall be subject to pre-approval site visits prior to acceptance of an applying provider's application and are additionally subject to unannounced pre- and post-enrollment site visits—

(I) To determine and ensure that the provider is operational at the practice location found on the enrollment application. For these purposes, "operational" means the provider has a qualified physical practice location, is open to the public for the purpose of providing health care related services, is prepared to submit valid Medicaid claims, and is properly staffed, equipped, and stocked (as applicable, based on the type of facility or organization, provider specialty, or the services or items being rendered), to furnish these items or services; and

(II) To verify established provider standards or performance standards other than conditions of participation subject to survey and certification by MMAC, where applicable, to ensure that the provider remains in compliance with program requirements.

3. High Risk Category:

A. The following providers pose a high risk of fraud, waste, and abuse to the MO HealthNet Program and are subject to high screening requirements:

(I) Prospective (newly enrolling) home health agencies; and

(II) Prospective (newly enrolling) DMEPOS suppliers; and

B. In addition to the screening requirements for the limited risk category in paragraph (9)(F)1. of this rule, and for the moderate risk category in paragraph (9)(F)2. of this rule, the providers in the high risk category must submit to, or subject individuals with ownership or control interests to, a fingerprint-based criminal history report check of the Federal Bureau of Investigations (FBI) Integrated Automated Fingerprint Identification System—

(I) A revalidating provider who has already submitted fingerprints once will not be required to submit fingerprints a second time unless required by FBI protocols;

(II) Pursuant to 42 C.F.R. Section 455.434(b), the provider is responsible for the cost of taking the fingerprints and supplying the fingerprints, and the state and federal government will share the cost of the processing of the fingerprints and the background check; and

(III) This fingerprint-based criminal history report check applies to all persons in this risk category applying to be a provider (whether as a billing or performing provider), or an individual with a five percent (5%) or greater direct or indirect ownership interest in such provider, or a managing employee;

(G) MMAC must adjust the categorical risk level from "limited" or "moderate" to "high" when any of the following occurs:

1. MMAC imposes a payment suspension on a provider based on a credible allegation of fraud, waste, or abuse by the provider; the provider has an existing Medicaid overpayment; or the provider has been excluded by the Department of Health and Human Services, Office of Inspector General or another state's Medicaid program

within the previous ten (10) years. The upward adjustment of the provider's categorical risk level for a payment suspension or overpayment shall continue only so long as the payment suspension or overpayment continues; or

2. MMAC or CMS in the previous six (6) months lifted a temporary moratorium for the particular provider type and a provider that was prevented from enrolling based on the moratorium applies for enrollment as a provider at any time within six (6) months from the date the moratorium was lifted.

(H) If a person has been screened by Medicare or by another state Medicaid agency and paid Medicare or another state Medicaid agency's application fee, within two (2) years of the date of the application to MMAC, such person will not be subject to the screening requirements or application fee provided for by this rule except those screening requirements and application fee imposed pursuant to subsection (G) of this section.

(I) Any MO HealthNet Program provider not categorized by this regulation as within the limited, moderate or high risk category shall be a considered moderate risk and screened as a moderate risk.

(J) The screening requirements in this rule are the minimum screening requirements that may be imposed by MMAC, and nothing in this rule shall be interpreted as limiting the amount of additional scrutiny that MMAC may apply to a person in following up on the information submitted by the person or for the purpose of determining the person's eligibility to become a MO HealthNet Program provider.

(10) The provisions of this rule are declared severable. If any provision of this rule is held invalid by a court of competent jurisdiction, the remaining provisions of this rule shall remain in full force and effect, unless otherwise determined by a court of competent jurisdiction to be invalid.

Revalidation Schedule for MO HealthNet Providers

All MO HealthNet providers enrolled as of January 15, 2014, must revalidate their enrollments by March 25, 2016, and, thereafter, before the five (5) year anniversary of their previous revalidation. All MO HealthNet providers who become enrolled after January 15, 2014, must revalidate their enrollments within five (5) years of their initial enrollment in the MO HealthNet program and, thereafter, before the five (5) year anniversary of their previous revalidation.

Subject to the above requirements, providers shall revalidate pursuant to the following schedule:

MO HealthNet providers who are also Medicare enrolled providers shall revalidate with MO HealthNet within two (2) years of their most recent Medicare revalidations.

MO HealthNet providers who are not also Medicare providers shall revalidate as follows:

(A) Initial revalidation—

Provider numbers beginning with 25, 26, 28, 39, and 58 must revalidate prior to the end of 2014.

Provider numbers beginning with 15, 17, 86, 87, and 85 must revalidate prior to the end of 2015.

(B) Subsequent revalidations—

After their initial revalidation or enrollment, MO HealthNet providers who are not also Medicare providers shall revalidate prior to the expiration of their enrollment as provided in this rule.

AUTHORITY: sections 660.017 and 208.159, RSMo 2000. Original rule filed Dec. 12, 2013.

PUBLIC COST: This proposed rule is estimated to cost the Missouri Department of Social Services, Missouri Medicaid Audit and Compliance Unit up to seven hundred eight thousand six hundred dollars (\$708,600) for additional expenses of screening providers upon initial enrollment and upon revalidation.

PRIVATE COST: This proposed rule is estimated to cost private entities enrolling or enrolled as MO HealthNet providers up to seven hundred ninety-nine five hundred ninety-two dollars (\$799,592) in the aggregate for application fees and indirect costs of revalidating their enrollments, depending upon how many providers are exempted because they already have paid an application fee or have been screened by Medicare or another state's Medicaid agency.

*NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed rule with the Department of Social Services, Missouri Medicaid Audit and Compliance Unit, PO Box 6500, 205 Jefferson St., 2nd Floor, Jefferson City, MO 65102. To be considered, comments must be delivered by regular mail, express or overnight mail, in person, or by courier within thirty (30) days after publication of this notice in the **Missouri Register**. No public hearing is scheduled.*

FISCAL NOTE

PUBLIC COST

Department Title: Department of Social Services

Division Title: Missouri Medicaid Audit and Compliance Unit (MMAC)

Chapter Title: General Rules

| | |
|------------------------------|---|
| Rule Number and Name: | 13 CSR 65-2.020 Provider Enrollment and Application |
| Type of Rulemaking: | Proposed |

II. SUMMARY OF FISCAL IMPACT

| Affected Agency or Political Subdivision | Estimated Cost of Compliance in the Aggregate |
|--|---|
| MMAC | Site visits + Screening costs \$708,600 |
| | |
| | |

III. WORKSHEET

8 hrs per site visit multiplied by \$50/hour multiplied by 1181 Medicare-only revalidating providers = \$472,400

4 hours screening multiplied by \$50/hr multiplied by 1181 Medicare-only revalidating providers = \$236,200

IV. ASSUMPTIONS

Uses assumptions about the costs to Medicaid agencies estimated by the United States Department of Health and Human Services, Centers for Medicare and Medicaid Services (CMS). See 76 Fed. Reg. 5862, 5949-5958 (February 2, 2011).

The number of revalidating Medicaid-only providers is an estimate and may be lower than estimated.

All providers will be revalidated between 2013 and 2016. Thereafter, they will be on a 5 year revalidation schedule.

FISCAL NOTE**PRIVATE COST****Department Title: Department of Social Services****Division Title: Missouri Medicaid Audit and Compliance Unit****Chapter Title: General Rules**

| | |
|-------------------------------|--|
| Rule Number and Title: | 13 CSR 65-2.020 Provider Enrollment and Application |
| Type of Rulemaking: | Proposed |

I. SUMMARY OF FISCAL IMPACT

| Estimate of the number of entities by class which would likely be affected by the adoption of the rule: | Classification by types of the business entities which would likely be affected: | Estimate in the aggregate as to the cost of compliance with the rule by the affected entities: |
|--|---|---|
| 100 | Medicaid-only newly enrolled providers | Application fees \$53,200 |
| 1181 | Medicaid-only revalidating providers | Revalidation/screening costs+ application fees \$746,392 |
| TOTAL (annual for 1st two years) | | \$799,592 |
| | | |

II. WORKSHEET

100 Medicaid-only providers enrolled per year multiplied by \$532 (current application fee) = \$53,200.

1,181 Medicaid-only providers revalidated in each of first 2 years multiplied by \$100 provider costs of revalidation/screening = \$118,100

1,181 Medicaid-only providers paying a \$532 application fee on revalidation = \$628,292

III. ASSUMPTIONS

Uses assumptions about the costs to each Medicaid-only provider of revalidation estimated by the United States Department of Health and Human Services, Centers for Medicare and Medicaid Services (CMS). See 76 Fed. Reg. 5862, 5949-5958 (February 2, 2011).

Costs will change annually as the amount of the application fee changes.

The number of enrolling and revalidating Medicaid-only providers is an estimate and may be lower than estimated.

All providers will be revalidated between 2013 and 2016. Thereafter, they will be on a 5 year revalidation schedule.

**Title 13—DEPARTMENT OF SOCIAL SERVICES
Division 65—Missouri Medicaid Audit and Compliance
Chapter 2—Medicaid**

PROPOSED RULE

13 CSR 65-2.030 Denial or Limitations of Applying Provider

PURPOSE: This rule implements federal regulatory requirements promulgated by the United States Department of Health and Human Services, Centers for Medicare and Medicaid Services at 76 Fed. Reg. 5862 (February 2, 2011), 42 CFR Parts 455 and 457, establishing the bases on which enrollment, revalidation, and establishment of a new practice location may be approved, limited, or denied.

(1) Missouri Medicaid Audit Compliance (MMAC) shall terminate the provider's enrollment or deny enrollment—

(A) Where the provider or any person with a five percent (5%) or greater direct or indirect ownership interest in the provider did not submit timely and accurate information or did not cooperate with screening methods required under applicable statutes and regulations unless the provider or person cures the failure to comply with this subsection within thirty (30) days of MMAC's notice that it intends to terminate the provider or deny enrollment;

(B) Where the provider or any person with a five percent (5%) or greater direct or indirect ownership interest in the provider has been convicted of a criminal offense related to that person's involvement with the Medicare, Medicaid, or title XXI program in the last ten (10) years, unless MMAC determines that denial or termination of enrollment is not in the best interests of the MO HealthNet Program and MMAC documents that determination in writing;

(C) Of any provider that is terminated on or after January 1, 2011, under Title XVIII of the Social Security Act or under the Medicaid Program or Children's Health Insurance Program (CHIP) of any other state unless MMAC determines that the termination was not for cause, which may include, but is not limited to, fraud, integrity, or quality. Termination or denial of enrollment will not be required if MMAC determines it would not be in the best interests of the MO HealthNet Program and MMAC receives a waiver from the United States Department of Health and Human Services, Centers for Medicare and Medicaid Services pursuant to 42 USC 1320a-7;

(D) If the provider or a person with an ownership or control interest or who is an agent or managing employee of the provider fails to submit timely or accurate information, unless MMAC determines that termination or denial of enrollment is not in the best interests of the MO HealthNet Program, and MMAC documents that determination in writing;

(E) If the provider, or any person with a five percent (5%) or greater direct or indirect ownership interest in the provider, fails to submit sets of fingerprints in a form and manner to be determined by MMAC within thirty (30) days of a request by CMS or MMAC, unless MMAC determines that termination or denial of enrollment is not in the best interests of the MO HealthNet Program, and MMAC documents that determination in writing; and

(F) If the provider fails to permit access to provider locations for any site visits under 13 CSR 65-2.020, unless MMAC determines that termination or denial of enrollment is not in the best interests of the MO HealthNet Program, and MMAC documents that determination in writing.

(2) MMAC may terminate the provider's enrollment or deny enrollment if CMS or MMAC—

(A) Determines that the provider has falsified any information provided on the application; or

(B) Cannot verify the identity of any provider applicant.

(3) Except to the extent inconsistent with this rule, the requirements of 13 CSR 70-3.020 and 13 CSR 70-3.030 remain in force, includ-

ing any provisions regarding denial of applications and termination, until those provisions are rescinded.

(4) The provisions of this rule are declared severable. If any provision of this rule is held invalid by a court of competent jurisdiction, the remaining provisions of this rule shall remain in full force and effect, unless otherwise determined by a court of competent jurisdiction to be invalid.

AUTHORITY: sections 660.017 and 208.159, RSMo 2000. Original rule filed Dec. 12, 2013.

PUBLIC COST: This proposed rule will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed rule will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this rule with the Department of Social Services, Jessica Dresner, Director, Missouri Medicaid Audit and Compliance Unit, PO Box 6500, 205 Jefferson St., 2nd Floor, Jefferson City, MO 65102. To be considered, comments must be received within thirty (30) days after publication of this notice in the *Missouri Register*. No public hearing is scheduled.

**Title 13—DEPARTMENT OF SOCIAL SERVICES
Division 70—MO HealthNet Division
Chapter 10—Nursing Home Program**

PROPOSED AMENDMENT

13 CSR 70-10.030 Prospective Reimbursement Plan for Nonstate-Operated Facilities for ICF/MR Services. The division is adding subparagraph (4)(A)1.N.

PURPOSE: This amendment provides for Fiscal Year 2014 trend factor to be applied to adjust per diem rates for nonstate-operated ICF/MR facilities providing ICF/MR services participating in the Medicaid program.

(4) Prospective Reimbursement Rate Computation.

(A) Except in accordance with other provisions of this rule, the provisions of this section shall apply to all providers of ICF/MR services certified to participate in Missouri's MO HealthNet program.

1. ICF/MR facilities.

A. Except in accordance with other provisions of this rule, the MO HealthNet program shall reimburse providers of these LTC services based on the individual MO HealthNet-participant days of care multiplied by the Title XIX prospective per-diem rate less any payments collected from participants. The Title XIX prospective per-diem reimbursement rate for the remainder of state Fiscal Year 1987 shall be the facility's per-diem reimbursement payment rate in effect on October 31, 1986, as adjusted by updating the facility's allowable base year to its 1985 fiscal year. Each facility's per-diem costs as reported on its Fiscal Year 1985 Title XIX cost report will be determined in accordance with the principles set forth in this rule. If a facility has not filed a 1985 fiscal year cost report, the most current cost report on file with the department will be used to set its per-diem rate. Facilities with less than a full twelve (12)-month 1985 fiscal year will not have their base year rates updated.

B. For state FY-88 and dates of service beginning July 1, 1987, the negotiated trend factor shall be equal to two percent (2%) to be applied in the following manner: Two percent (2%) of the average per-diem rate paid to both state- and nonstate-operated ICF/MR facilities on June 1, 1987, shall be added to each facility's rate.

C. For state FY-89 and dates of service beginning January 1, 1989, the negotiated trend factor shall be equal to one percent (1%) to be applied in the following manner: One percent (1%) of the average per-diem rate paid to both state- and nonstate-operated ICF/MR facilities on June 1, 1988, shall be added to each facility's rate.

D. For state FY-91 and dates of service beginning July 1, 1990, the negotiated trend factor shall be equal to one percent (1%) to be applied in the following manner: One percent (1%) of the average per-diem rate paid to both state- and nonstate-operated ICF/MR facilities on June 1, 1990, shall be added to each facility's rate.

E. FY-96 negotiated trend factor. All nonstate-operated ICF/MR facilities shall be granted an increase to their per-diem rates effective for dates of service beginning January 1, 1996, of six dollars and seven cents (\$6.07) per patient day for the negotiated trend factor. This adjustment is equal to four and six-tenths percent (4.6%) of the weighted average per-diem rates paid to nonstate-operated ICF/MR facilities on June 1, 1995, of one hundred and thirty-one dollars and ninety-three cents (\$131.93).

F. State FY-99 trend factor. All nonstate-operated ICF/MR facilities shall be granted an increase to their per-diem rates effective for dates of service beginning July 1, 1998, of four dollars and forty-seven cents (\$4.47) per patient day for the trend factor. This adjustment is equal to three percent (3%) of the weighted average per-diem rate paid to nonstate-operated ICF/MR facilities on June 30, 1998, of one hundred forty-eight dollars and ninety-nine cents (\$148.99).

G. State FY-2000 trend factor. All nonstate-operated ICF/MR facilities shall be granted an increase to their per-diem rates effective for dates of service beginning July 1, 1999, of four dollars and sixty-three cents (\$4.63) per patient day for the trend factor. This adjustment is equal to three percent (3%) of the weighted average per-diem rate paid to nonstate-operated ICF/MR facilities on April 30, 1999, of one hundred fifty-four dollars and forty-three cents (\$154.43). This increase shall only be used for increases for the salaries and fringe benefits for direct care staff and their immediate supervisors.

H. State FY-2001 trend factor. All nonstate-operated ICF/MR facilities shall be granted an increase to their per-diem rates effective for dates of service beginning July 1, 2000, of four dollars and eighty-one cents (\$4.81) per patient day for the trend factor. This adjustment is equal to three percent (3%) of the weighted average per-diem rate paid to nonstate-operated ICF/MR facilities on April 30, 2000, of one hundred sixty dollars and twenty-three cents (\$160.23). This increase shall only be used for increases for salaries and fringe benefits for direct care staff and their immediate supervisors.

I. State FY-2007 trend factor. All nonstate-operated ICF/MR facilities shall be granted an increase of seven percent (7%) to their per-diem rates effective for dates of service billed for state fiscal year 2007 and thereafter. This adjustment is equal to seven percent (7%) of the per-diem rate paid to nonstate-operated ICF/MR facilities on June 30, 2006.

J. State FY-2008 trend factor. Effective for dates of service beginning July 1, 2007, all nonstate-operated ICF/MR facilities shall be granted an increase to their per-diem rates of two percent (2%) for the trend factor. This adjustment is equal to two percent (2%) of the per-diem rate paid to nonstate-operated ICF/MR facilities on June 30, 2007.

K. State FY-2009 trend factor. Effective for dates of service beginning July 1, 2008, all nonstate-operated ICF/MR facilities shall be granted an increase to their per-diem rates of three percent (3%) for the trend factor. This adjustment is equal to three percent (3%) of the per-diem rate paid to nonstate-operated ICF/MR facilities on June 30, 2008.

L. State FY-2009 catch up increase. Effective for dates of service beginning July 1, 2008, all nonstate-operated ICF/MR facilities shall be granted an increase to their per diem rates of thirteen and ninety-five hundredths percent (13.95%). This adjustment is equal to thirteen and ninety-five hundredths percent (13.95%) of the per-diem rate paid to nonstate-operated ICF/MR facilities on June

30, 2008. This increase is intended to provide compensation to providers for the years (2003, 2004, 2005, and 2006) where no trend factor was given. The catch up increase was based on the CMS PPS Skilled Nursing Facility Input Price Index (4 quarter moving average).

M. State FY-2012 trend factor. Effective for dates of service beginning October 1, 2011, all nonstate-operated ICF/MR facilities shall be granted an increase to their per diem rates of one and four tenths percent (1.4%) for the trend factor. This adjustment is equal to one and four tenths percent (1.4%) of the per diem rate paid to nonstate-operated ICF/MR facilities on September 30, 2011.

N. State FY-2014 trend factor. Effective for dates of service beginning January 1, 2014, all nonstate-operated ICF/MR facilities shall be granted an increase to their per diem rates of three percent (3%) for the trend factor. This adjustment is equal to three percent (3%) of the per diem rate paid to nonstate-operated ICF/MR facilities on December 31, 2013.

2. Adjustments to rates. The prospectively determined reimbursement rate may be adjusted only under the following conditions:

A. When information contained in a facility's cost report is found to be fraudulent, misrepresented, or inaccurate, the facility's reimbursement rate may be reduced, both retroactively and prospectively, if the fraudulent, misrepresented, or inaccurate information as originally reported resulted in establishment of a higher reimbursement rate than the facility would have received in the absence of this information. No decision by the MO HealthNet agency to impose a rate adjustment in the case of fraudulent, misrepresented, or inaccurate information in any way shall affect the MO HealthNet agency's ability to impose any sanctions authorized by statute or rule. The fact that fraudulent, misrepresented, or inaccurate information reported did not result in establishment of a higher reimbursement rate than the facility would have received in the absence of the information also does not affect the MO HealthNet agency's ability to impose any sanctions authorized by statute or rules;

B. In accordance with subsection (6)(B) of this rule, a newly constructed facility's initial reimbursement rate may be reduced if the facility's actual allowable per diem cost for its first twelve (12) months of operation is less than its initial rate;

C. When a facility's MO HealthNet reimbursement rate is higher than either its private pay rate or its Medicare rate, the MO HealthNet rate will be reduced in accordance with subsection (2)(B) of this rule;

D. When the provider can show that it incurred higher cost due to circumstances beyond its control, and the circumstances are not experienced by the nursing home or ICF/MR industry in general, the request must have a substantial cost effect. These circumstances include, but are not limited to:

(I) Acts of nature, such as fire, earthquakes, and flood, that are not covered by insurance;

(II) Vandalism, civil disorder, or both; or

(III) Replacement of capital depreciable items not built into existing rates that are the result of circumstances not related to normal wear and tear or upgrading of existing system;

E. When an adjustment to a facility's rate is made in accordance with the provisions of section (6) of this rule; or

F. When an adjustment is based on an Administrative Hearing Commission or court decision.

AUTHORITY: section 208.159, RSMo 2000, and sections 208.153 and 208.201, RSMo Supp. [2011] 2013. This rule was previously filed as 13 CSR 40-81.083. Original rule filed Aug. 13, 1982, effective Nov. 11, 1982. For intervening history, please consult the Code of State Regulations. Amended: Filed Dec. 13, 2013.

PUBLIC COST: This proposed amendment will cost state agencies or political subdivisions approximately ninety-seven thousand nine hundred five dollars (\$97,905) for SFY 2014.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

*NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Department of Social Services, MO HealthNet Division, 615 Howerton Court, Jefferson City, MO 65109. To be considered, comments must be received within thirty (30) days after publication in the **Missouri Register**. If to be hand-delivered, comments must be brought to the MO HealthNet Division at 615 Howerton Court, Jefferson City, Missouri. No public hearing is scheduled.*

**FISCAL NOTE
PUBLIC COST**

- I. Department Title:** Title 13 - Department of Social Services
Division Title: Division 70 - MO HealthNet Division
Chapter Title: Chapter 10 - Nursing Home Program

| | |
|------------------------------|--|
| Rule Number and Name: | 13 CSR 70-10.030 Prospective Reimbursement Plan for Nonstate-Operated Facilities for ICF/MR Services |
| Type of Rulemaking: | Proposed Amendment |

II. SUMMARY OF FISCAL IMPACT

| Affected Agency or Political Subdivision | Estimated Cost of Compliance in the Aggregate |
|--|---|
| Department of Social Services MO HealthNet Division | Estimated cost for SFY 2014: \$97,905 |

III. WORKSHEET

| Description | Trend Add-On Increase |
|--|-----------------------|
| Estimated Paid Days: SFY 2014 | 28,114 |
| Effective 1/1/14: January-June = 6/12 months | 6/12 |
| Estimated Paid Days Impacted SFY 2014 | 14,057 |
| x Average Per Diem Rate Increase | \$6.96 |
| Total Estimated Impact: SFY 2014 | \$97,905 |
| State Share (General Revenue) | \$37,175 |
| Federal Share (62.03%) | \$60,731 |

IV. ASSUMPTIONS**Estimated Paid Days:****ICF/MR Facility:**

The estimated paid days for SFY 2014 are based on the actual Medicaid days paid for nonstate-operated ICF/MR facility services paid during SFY 2013. There are seven (7) facilities which operate close to full occupancy and the number of patient days has been constant each year.

Title 15—ELECTED OFFICIALS
Division 30—Secretary of State
Chapter 50—General

PROPOSED AMENDMENT

15 CSR 30-50.010 Definitions. The commissioner of securities is amending subsections (1)(F) and (N).

PURPOSE: This amendment modifies the existing rule to correct an inaccuracy in the definition of “certified,” and to correct an inaccuracy within the definition of “NASAA.” As it currently reads, 15 CSR 30-50.010(1)(F) incorrectly refers to “generally accepted accounting practices.” This amendment modifies 15 CSR 30-50.010(1)(F) to correctly refer to “generally accepted accounting principles.” Additionally, 15 CSR 30-50.010(1)(N) incorrectly defines NASAA as the “National Association of Securities Administrators Association, Inc.” This amendment modifies 15 CSR 30-50.010(1)(N) to correctly define NASAA as the “North American Securities Administrators Association, Inc.”

(1) When the terms listed in this rule are used in the Missouri Securities Act of 2003 (the Act), these rules, the forms, and the orders of the commissioner, the following meanings shall apply (unless the context otherwise requires), together with those which may later appear to the extent that they are not inconsistent with definitions provided in Chapter 409, RSMo:

(F) Certified means, when used in connection with financial statements, certified by an independent certified public accountant in accordance with generally accepted accounting [practices] principles;

(N) NASAA means the [National Association of Securities Administrators Association, Inc] North American Securities Administrators Association, Inc.;

AUTHORITY: section 409.6-605, RSMo Supp. [2010] 2013. Original rule filed June 25, 1968, effective Aug. 1, 1968. For intervening history, please consult the Code of State Regulations. Amended: Filed Dec. 3, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Office of the Secretary of State, Securities Division, Andrew M. Hartnett, Securities Commissioner, PO Box 1276, Jefferson City, MO 65102. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

Title 15—ELECTED OFFICIALS
Division 30—Secretary of State
Chapter 50—General

PROPOSED AMENDMENT

15 CSR 30-50.040 Forms. The commissioner of securities is amending paragraphs (1)(A)3. and 5.

PURPOSE: This amendment modifies the existing rule to update the “revised” date of a form. As it currently reads, the rule states that the Missouri Broker-Dealer Affidavit was last revised in October

2001. The amendment updates the revised date to January 2005.

(1) The following forms have been adopted and approved for filing with the Securities Division:

(A) Broker-Dealers, Agents, Investment Advisers, and Investment Adviser Representatives—

1. Form BD—Uniform Application for Broker-Dealer Registration approved May 2001, OMB Approval Number 3235-0012, or any form which substantially comports with the specified form;

2. Form BDW—Uniform Request for Broker-Dealer Withdrawal approved November 2000, OMB Approval Number 3235-0018, or any form which substantially comports with the specified form;

3. Form SBD-1—Missouri Broker-Dealer Affidavit revised [October 2001] **January 2005**, or any form which substantially comports with the specified form;

4. Form X-17A-5—Financial and Operational Combined Uniform Single Report approved July 2002, OMB Approval Number 3235-0123, or any form which substantially comports with the specified form;

5. Form U-4—Uniform Application for Securities Industry Registration or Transfer adopted by the North American Securities [Administration] **Administrators Association, Inc.** (NASAA) on April 16, 2003, or any form which substantially comports with the specified form;

6. Form U-5—Uniform Termination Notice for Securities Industry Registration adopted by the NASAA on April 16, 2003, or any form which substantially comports with the specified form;

7. Form SA-1—Missouri Application for Renewal Registration as Agent revised August 2003, or any form which substantially comports with the specified form;

8. Form ADV—Uniform Application for Investment Adviser Registration approved July 2003, OMB Approval Number 3235-0049, or any form which substantially comports with the specified form;

9. Form ADV-W—Uniform Notice of Withdrawal from Registration as Investment Adviser approved January 2001, OMB Approval Number 3235-0313, or any form which substantially comports with the specified form;

10. Form SADV-1—State Covered Investment Adviser Affidavit revised March 2002, or any form which substantially comports with the specified form;

11. Form SADV-SH—State Application for Hardship Exemption from IARD revised October 2001, or any form which substantially comports with the specified form; and

12. Form U-2—Uniform Consent to Service of Process adopted by NASAA and revised November 1997, or any form which substantially comports with the specified form.

AUTHORITY: section 409.6-605, RSMo Supp. [2005] 2013. Original rule filed June 25, 1968, effective Aug. 1, 1968. For intervening history, please consult the Code of State Regulations. Amended: Filed Dec. 3, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Office of the Secretary of State, Securities Division, Andrew M. Hartnett, Securities Commissioner, PO Box 1276, Jefferson City, MO 65102. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

**Title 15—ELECTED OFFICIALS
Division 30—Secretary of State
Chapter 52—Registration of Securities**

PROPOSED AMENDMENT

15 CSR 30-52.015 Applications for Registration. The commissioner of securities is amending section (1).

PURPOSE: This amendment clarifies an existing rule. As it is currently composed, 15 CSR 30-52.015(1) reads “Registration by Coordination and Qualification.” The proposed amendment changes it to read “Registration by Coordination or Qualification,” which is more accurate and consistent with the rest of 15 CSR 30-52.015.

(1) Registration by Coordination *[and]* or Qualification. A registration statement to register securities by coordination or qualification shall contain the following:

AUTHORITY: sections 409.3-303, 409.3-304, 409.3-305, 409.3-307, 409.6-605, and 409.6-611, RSMo Supp. [2003] 2013. Original rule filed Aug. 30, 2002, effective Feb. 28, 2003. Emergency amendment filed Aug. 19, 2003, effective Sept. 12, 2003, expired March 9, 2004. Amended: Filed Aug. 22, 2003, effective Feb. 29, 2004. Amended: Filed Dec. 3, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Office of the Secretary of State, Securities Division, Andrew M. Hartnett, Securities Commissioner, PO Box 1276, Jefferson City, MO 65102. To be considered, comments must be received within thirty (30) days after publication of this notice in the *Missouri Register*. No public hearing is scheduled.

**Title 15—ELECTED OFFICIALS
Division 30—Secretary of State
Chapter 52—Registration of Securities**

PROPOSED AMENDMENT

15 CSR 30-52.030 NASAA Statements of Policy. The commissioner of securities is amending subsection (1)(A).

PURPOSE: This amendment updates an existing rule. As it is currently composed, 15 CSR 30-52.030(1)(A) contains inaccurate “as amended by NASAA on” dates. The amendment edits the rule to reference the correct dates. The amendment also updates the link to the relevant NASAA statements of policy.

(1) The Securities Division will apply the applicable statement of policy adopted by North American Securities Administrators Association, Inc. (NASAA) when conducting a merit review to determine whether an offering is fair, just, and equitable.

(A) The following statements of policy are hereby incorporated by reference and made a part of this rule as published by NASAA, 750 First Street, N.E./E./J., Suite 1140, Washington, D.C./C./J 20002, and available at [http://www.nasaa.org/industry_regulatory_resources/corporation_finance/1248.cfm] <http://www.nasaa.org/regulatory-activity/statements-of-policy/>. This rule does not incorporate any subsequent amendments or additions:

1. Corporate Securities Definitions, as amended by NASAA on *[September 28, 1999]* **March 31, 2008**;

2. Loans and Other Material Affiliated Transactions, as amended by NASAA on *[November 18, 1997]* **March 31, 2008**;

3. Options and Warrants, as amended by NASAA on *[September 28, 1999]* **March 31, 2008**;

4. Preferred Stock, as amended by NASAA on *[April 27, 1997]* **March 31, 2008**;

5. Promoter’s Equity Investment, as *[adopted]* amended by NASAA on *[April 27, 1997]* **March 31, 2008**;

6. Promotional Shares, as amended by NASAA on *[September 28, 1999]* **March 31, 2008**;

7. Risk Disclosure Guidelines, as adopted by NASAA on September 9, 2001;

8. Specificity in Use of Proceeds, as amended by NASAA on *[September 28, 1999]* **March 31, 2008**;

9. Underwriting Expenses, Underwriter’s Warrants, Selling Expenses and Selling Security Holders, as *[adopted]* amended by NASAA on *[September 28, 1999]* **March 31, 2008**;

10. Unsound Financial Condition, as *[adopted]* amended by NASAA on *[September 28, 1999]* **March 31, 2008**;

11. Unequal Voting Rights, as *[adopted]* amended by NASAA on *[October 24, 1991]* **March 31, 2008**;

12. Registration of Asset-Backed Securities, as amended by NASAA on May 7, 2007;

13. Mortgage Program Guidelines, as amended by NASAA on May 7, 2007;

14. Real Estate Programs, as revised by NASAA on May 7, 2007;

15. Real Estate Investment Trusts, as revised by NASAA on May 7, 2007;

16. Registration of Oil and Gas Programs, as amended by NASAA on May 7, 2007;

17. Equipment Programs, as amended by NASAA on May 7, 2007;

18. Commodity Pool Programs, as amended by NASAA on May 7, 2007;

19. Cattle-Feeding Programs, as adopted by NASAA on September 17, 1980;

20. Omnibus Guidelines, as amended by NASAA on May 7, 2007; and

21. Viatical Investment Guidelines, as adopted by NASAA on October 1, 2002.

AUTHORITY: sections 409.3-303, 409.3-304, 409.3-305, 409.3-306, 409.3-307, 409.5-501, 409.6-605, and 409.6-608, RSMo Supp. [2007] 2013. Original rule filed June 25, 1968, effective Aug. 1, 1968. For intervening history, please consult the *Code of State Regulations*. Amended: Filed Dec. 3, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Office of the Secretary of State, Securities Division, Andrew M. Hartnett, Securities Commissioner, PO Box 1276, Jefferson City, MO 65102. To be considered, comments must be received within thirty (30) days after publication of this notice in the *Missouri Register*. No public hearing is scheduled.

**Title 15—ELECTED OFFICIALS
Division 30—Secretary of State
Chapter 52—Registration of Securities**

PROPOSED AMENDMENT

15 CSR 30-52.275 Small Company Offering Registrations (formerly Missouri Issuer Registration). The commissioner of securities is amending sections (1) and (3).

PURPOSE: The purpose of this amendment is to correct inaccuracies and clarify citations, within the original rule. As it currently reads, the rule inaccurately attributes to the Securities Division certain powers held by the commissioner (the commissioner is the one who incorporates by reference North American Securities Administrators Association, Inc. (NASAA) statements of policy). Accordingly, the amendment changes the relevant language from “Securities Division” to “commissioner of securities.” The current rule also contains a provision outlining different financial statements requirements for SCOR offerings over one (1) million dollars, which is inaccurate, because under the NASAA statement of policy incorporated by reference in section (1), a SCOR offering must be under one (1) million dollars. Lastly, for clarification, the amendment pinpoints the 15 CSR 30-52.025 citation to 15 CSR 30-52.025(3).

(1) The [Securities Division] commissioner of securities hereby incorporates by reference the North American Securities Administrators Association, Inc. (NASAA) Statement of Policy Regarding Small Company Offering Registrations (SCOR), as adopted by NASAA, 750 First Street, NE, Suite 1140, Washington, DC 20002, on April 28, 1996, and available at <http://www.nasaa.org/industry-resources/corporation-finance/scor-overview/scor-statement-of-policy/>. This rule does not incorporate any subsequent amendments or additions.

(3) Financial Statements. The financial statements for SCOR offerings [over one (1) million dollars shall comply with 15 CSR 30-52.025. The financial statements for SCOR offerings up to one (1) million dollars shall also] shall comply with 15 CSR 30-52.025(3), but only need to be reviewed as determined under the NASAA Statement of Policy Regarding SCOR.

AUTHORITY: sections 409.3-304, 409.3-305, 409.3-306, 409.3-307, and 409.6-605, RSMo Supp. [2003] 2013. Original rule filed Nov. 1, 1996, effective June 30, 1997. For intervening history, please consult the Code of State Regulations. Amended: Filed Dec. 3, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Office of the Secretary of State, Securities Division, Andrew M. Hartnett, Securities Commissioner, PO Box 1276, Jefferson City, MO 65102. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

**Title 15—ELECTED OFFICIALS
Division 30—Secretary of State
Chapter 54—Exemptions and Federal Covered Securities**

PROPOSED AMENDMENT

15 CSR 30-54.010 General. The commissioner of securities is amending sections (2) and (3) of this rule.

PURPOSE: This amendment modifies the existing rule to correct an inaccuracy within the citations found in 15 CSR 30-54.010(2) and (3). As it currently reads, 15 CSR 30-54.010(2) incorrectly references 15 CSR 30-50.010(1)(H). This amendment changes 15 CSR 30-54.010(2) to correctly reference 15 CSR 30-50.010(1)(I). Additionally, 15 CSR 30-54.010(3) incorrectly references section 409.2-210(7), RSMo. This amendment changes 15 CSR 30-54.010(3) to correctly reference section 409.2-201(7), RSMo.

(2) The burden of proof that the offer and sale of large blocks of securities by any person or of any securities by controlling persons (15 CSR 30-50.010(1)[(H)](I)) is not directly or indirectly for the benefit of the issuer and therefore eligible for the nonissuer exemptions of section 409.2-202 of the Act, is upon the person claiming the exemption (section 409.5-503, RSMo). For purposes of this rule, sales of securities in accordance with rule 144 or any similar rule promulgated under the Securities Act of 1933 are deemed to be not directly or indirectly for the benefit of the issuer.

(3) All issuers who effect sales of securities pursuant to the exemptions specified in sections [409.2-210(7)] 409.2-201(7) and 409.2-203, RSMo, shall preserve the following records during the period of six (6) years following the completion of the sales:

AUTHORITY: sections 409.2-202, 409.2-203, 409.5-503, and 409.6-605, RSMo Supp. [2003] 2013. Original rule filed June 25, 1968, effective Aug. 1, 1968. For intervening history, please consult the Code of State Regulations. Amended: Filed Dec. 3, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Office of the Secretary of State, Securities Division, Andrew M. Hartnett, Securities Commissioner, PO Box 1276, Jefferson City, MO 65102. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

**Title 15—ELECTED OFFICIALS
Division 30—Secretary of State
Chapter 54—Exemptions and Federal Covered Securities**

PROPOSED AMENDMENT

15 CSR 30-54.070 Not-for-Profit Securities. The commissioner of securities is amending subsection (2)(B).

PURPOSE: This amendment modifies the existing rule to correct an inaccuracy. As it currently reads, the rule references the North American Securities Administrators Association, Inc. (NASAA) statement of policy regarding “Church Extension Funds.” The amendment edits the reference to correctly refer to the statement of policy regarding “Church Extension Fund Securities.”

(2) The following statements of policy are hereby incorporated by reference:

(B) Church Extension *[Funds]* **Fund Securities** as amended and published by NASAA on April 18, 2004. A copy of this policy can be obtained from NASAA, 750 First Street, NE, Suite 1140, Washington, DC 20002, and is available online at <http://www.nasaa.org/content/files/Church%5FExtension%5FFund%5FSecurities.pdf> http://www.nasaa.org/wp-content/uploads/2011/07/39-Church_Extension_Fund_Securities.pdf. This rule does not incorporate any subsequent amendments or additions.

AUTHORITY: sections 409.2-201(7)(B) and 409.6-605, RSMo Supp. [2005] 2013. Original rule filed June 25, 1968, effective Aug. 1, 1968. For intervening history, please consult the Code of State Regulations. Amended: Filed Dec. 3, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Office of the Secretary of State, Securities Division, Andrew M. Hartnett, Securities Commissioner, PO Box 1276, Jefferson City, MO 65102. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

Title 15—ELECTED OFFICIALS

Division 30—Secretary of State

Chapter 54—Exemptions and Federal Covered Securities

PROPOSED AMENDMENT

15 CSR 30-54.150 Suggested Form of Investment Letter. The commissioner of securities is amending the purpose statement of this rule.

PURPOSE: This amendment modifies the existing rule's purpose statement to correct an inaccurate citation of section 409.402(b)(10), RSMo. This amendment changes 15 CSR 30-54.150 to correctly cite section 409.2-202(14), RSMo.

PURPOSE: This rule suggests the form [for compliance with the requirement of an investment undertaking in clause (B), section 409.402(b)(10)] of an investment letter for securities offered pursuant to section 409.2-202(14), RSMo [1986].

AUTHORITY: sections 409.2-202(14) and 409.6-605, RSMo Supp. [2003] 2013. Original rule filed July 21, 1972, effective Aug. 1, 1972. For intervening history, please consult the Code of State Regulations. Amended: Filed Dec. 3, 2013.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Office of the Secretary of State, Securities Division, Andrew M. Hartnett, Securities Commissioner, PO Box 1276, Jefferson City, MO 65102. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

This section will contain the final text of the rules proposed by agencies. The order of rulemaking is required to contain a citation to the legal authority upon which the order of rulemaking is based; reference to the date and page or pages where the notice of proposed rulemaking was published in the *Missouri Register*; an explanation of any change between the text of the rule as contained in the notice of proposed rulemaking and the text of the rule as finally adopted, together with the reason for any such change; and the full text of any section or subsection of the rule as adopted which has been changed from that contained in the notice of proposed rulemaking. The effective date of the rule shall be not less than thirty (30) days after the date of publication of the revision to the *Code of State Regulations*.

The agency is also required to make a brief summary of the general nature and extent of comments submitted in support of or opposition to the proposed rule and a concise summary of the testimony presented at the hearing, if any, held in connection with the rulemaking, together with a concise summary of the agency's findings with respect to the merits of any such testimony or comments which are opposed in whole or in part to the proposed rule. The ninety-(90-) day period during which an agency shall file its Order of Rulemaking for publication in the *Missouri Register* begins either: 1) after the hearing on the Proposed Rulemaking is held; or 2) at the end of the time for submission of comments to the agency. During this period, the agency shall file with the secretary of state the order of rulemaking, either putting the proposed rule into effect, with or without further changes, or withdrawing the proposed rule.

Title 2—DEPARTMENT OF AGRICULTURE Division 80—State Milk Board Chapter 2—Grade “A” Pasteurized Milk Regulations

ORDER OF RULEMAKING

By the authority vested in the State Milk Board under section 196.939, RSMo 2000, the board amends a rule as follows:

2 CSR 80-2.050 Inspection Frequency and Procedure is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on September 3, 2013 (38 MoReg 1363). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

Title 2—DEPARTMENT OF AGRICULTURE Division 80—State Milk Board Chapter 5—Inspections

ORDER OF RULEMAKING

By the authority vested in the State Milk Board under section 196.939, RSMo 2000, the board amends a rule as follows:

2 CSR 80-5.010 Inspection Fees is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on September 3,

2013 (38 MoReg 1363). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

Title 3—DEPARTMENT OF CONSERVATION Division 10—Conservation Commission Chapter 3—Wildlife Code: Monetary Values of Fish and Wildlife

ORDER OF RULEMAKING

By the authority vested in the Conservation Commission under sections 40 and 45 of Art. IV, Mo. Const., the commission amends a rule as follows:

3 CSR 10-3.010 Monetary Values Established for Fish and Wildlife is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on November 1, 2013 (38 MoReg 1742). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective **March 1, 2014**.

SUMMARY OF COMMENTS: No comments were received.

Title 3—DEPARTMENT OF CONSERVATION Division 10—Conservation Commission Chapter 4—Wildlife Code: General Provisions

ORDER OF RULEMAKING

By the authority vested in the Conservation Commission under sections 40 and 45 of Art. IV, Mo. Const., the commission amends a rule as follows:

3 CSR 10-4.130 Owner May Protect Property; Public Safety is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on November 1, 2013 (38 MoReg 1742). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective **March 1, 2014**.

SUMMARY OF COMMENTS: No comments were received.

Title 3—DEPARTMENT OF CONSERVATION Division 10—Conservation Commission Chapter 5—Wildlife Code: Permits

ORDER OF RULEMAKING

By the authority vested in the Conservation Commission under sections 40 and 45 of Art. IV, Mo. Const., the commission amends a rule as follows:

3 CSR 10-5.430 Trout Permit is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on November 1,

2013 (38 MoReg 1742). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective **March 1, 2014**.

SUMMARY OF COMMENTS: No comments were received.

**Title 3—DEPARTMENT OF CONSERVATION
Division 10—Conservation Commission
Chapter 6—Wildlife Code: Sport Fishing: Seasons,
Methods, Limits**

ORDER OF RULEMAKING

By the authority vested in the Conservation Commission under sections 40 and 45 of Art. IV, Mo. Const., the commission amends a rule as follows:

3 CSR 10-6.510 Channel Catfish, Blue Catfish, Flathead Catfish is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on November 1, 2013 (38 MoReg 1742–1743). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective **March 1, 2014**.

SUMMARY OF COMMENTS: The Conservation Commission received one hundred thirty (130) comments to the proposed amendment.

Forty (40) individuals voicing support for the change shared their concerns regarding the decline in the average size of blue catfish taken from Lake of the Ozarks and Truman Lake. Many indicated that they would like to see larger, trophy-sized catfish in Missouri and voiced support for implementation of similar regulations statewide.

Ninety (90) individuals voicing opposition to the amendment indicated that fish within the restricted slot limit are the best to eat and represent a major source of food for citizens. Many indicated that there are plenty of fish in those lakes and several voiced concern that the changes may hurt the local economy and tourism. Some indicated their belief that an increase in larger blue catfish will result in a reduction in the crappie population.

RESPONSE: After carefully reviewing comments submitted by citizens, the Conservation Commission will move forward to establish a twenty-six inch to thirty-four inch (26"–34") protected slot with a limit of ten (10) fish daily, to include two (2) fish over the slot, on Lake of the Ozarks, Truman Lake, and their tributaries for the following reasons:

- Lake of the Ozarks and Truman Lake have a long history of providing high quality angling for blue catfish. However, excessive harvest of intermediate to large-sized blue catfish has resulted in a decline in the quality of the blue catfish fishery. Beginning in the early 1990s, input from anglers and department staff raised concern about the declining number of large blue catfish in both reservoirs. In a 2002 *Statewide Catfish Angler Survey* of Missouri catfish anglers, the largest percentage of Truman catfish anglers indicated the quality of catfishing had declined over the previous ten (10) years, while the smallest percentage indicated quality had improved. Similar concerns have been heard from Lake of the Ozarks and regulations were put in place in 1998 to protect the overharvest of catfish on Lake of the Ozarks directly below Truman Dam.

- Between 2003 and 2005, department staff conducted a *Truman Volunteer Catfish Angler Creel* survey. Three hundred-eight (308) catfish anglers were asked to rate their fishing trips. The largest percentage ranked their trips poor while the smallest percentage ranked their trips excellent. When combined, the categories fair and poor accounted for sixty-four percent (64%) of the response, lending more evidence that future management efforts should be directed at

improving these fisheries.

- During a *Reservoir Catfish Evaluation* conducted by the Department from 2004 through 2008, staff tagged three hundred (300) blue catfish on Truman Reservoir using fifty dollar (\$50) reward tags. At the end of the five (5) year period, the cumulative angler harvest rate on blue catfish twenty-four inches (24") and larger or about five (5) pounds was ninety-two percent (92%). A ninety-two percent (92%) angler harvest rate doesn't allow blue catfish to reach their growth potential, and is a major contributing factor to the decline in blue catfish quality.

- Provisional data collected from both reservoirs by conservation agents between 2010 and 2012 determined that the majority of the fish sampled were below the proposed slot. When combined, the department's provisional data, 2003–2005 Truman Volunteer Angler Creel Data, and angler creel data collected between 2010–2012, results indicate the average size of angler caught blue catfish on Truman Reservoir was twenty inches (20") (about three (3) pounds) and on Lake of the Ozarks, twenty-one inches (21") (about three (3) pounds).

- Given the information learned during recent years, department staff concluded that slot limits will protect the population at a length range where growth is relatively fast and natural mortality is low.

- Proposed changes in daily creel and length limits have been modeled by department staff and demonstrate the blue catfish population structure will be improved. Population modeling conducted by department staff using the Fishery Analysis and Modeling Simulator (FAMS) software predicts these proposed regulations would result in a four to five (4–5) fold increase in the numbers of blue catfish larger than thirty-four inches (34") at both reservoirs.

- The regulation continues to allow adequate harvest of fish up to nearly seven (7) pounds, a size frequently sought by anglers and encourages additional harvest of fish under the slot in order to improve growth rates. These regulations would satisfy a large number of catfish anglers asked in the 2002 *Statewide Catfish Angler Survey* "what size catfish do you prefer to catch and keep?" Based on responses, eighty-seven percent (87%) of the anglers surveyed would be able to harvest fish in their preferred size range.

- The regulation will allow harvest above the slot, while still providing larger fish protection to reach their growth potential.

- In response to the assertion that an increase in the number of large catfish will result in a decline in the crappie population, blue catfish can and do feed on a wide variety of aquatic organisms. As a rule, like any top-level predatory game fish, blue catfish will feed on the prey that are the most abundant and easily caught. In Truman Reservoir and Lake of the Ozarks, department studies show that prey is going to be gizzard shad. By thinning the numbers of smaller blue catfish, more gizzard shad will be available to crappie whose diet largely depends on those small fish.

- To address fears regarding negative impacts to tourism and local economies, there is no evidence that the local economy would be negatively impacted by this regulation change. In fact, the local economy may improve as a result of this regulation by drawing more anglers to the area as the fishery improves. Historically, this type of regulation change on reservoirs and streams has resulted in improved fishing opportunities and increased tourism. Notable examples include trout in Lake Tanecomo and crappie in various reservoirs that responded positively when increased length limits were implemented. Many of these changes have created "destination fisheries" for the state and are a benefit to local economies.

**Title 3—DEPARTMENT OF CONSERVATION
Division 10—Conservation Commission
Chapter 6—Wildlife Code: Sport Fishing: Seasons,
Methods, Limits**

ORDER OF RULEMAKING

By the authority vested in the Conservation Commission under sections 40 and 45 of Art. IV, Mo. Const., the commission amends a

rule as follows:

**3 CSR 10-6.545 White Bass, Yellow Bass, Striped Bass
is amended.**

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on November 1, 2013 (38 MoReg 1743). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective **March 1, 2014**.

SUMMARY OF COMMENTS: No comments were received.

**Title 3—DEPARTMENT OF CONSERVATION
Division 10—Conservation Commission
Chapter 6—Wildlife Code: Sport Fishing: Seasons,
Methods, Limits**

ORDER OF RULEMAKING

By the authority vested in the Conservation Commission under sections 40 and 45 of Art. IV, Mo. Const., the commission amends a rule as follows:

3 CSR 10-6.550 Other Fish is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on November 1, 2013 (38 MoReg 1743–1744). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective **March 1, 2014**.

SUMMARY OF COMMENTS: No comments were received.

**Title 3—DEPARTMENT OF CONSERVATION
Division 10—Conservation Commission
Chapter 7—Wildlife Code: Hunting: Seasons, Methods,
Limits**

ORDER OF RULEMAKING

By the authority vested in the Conservation Commission under sections 40 and 45 of Art. IV, Mo. Const., the commission amends a rule as follows:

3 CSR 10-7.410 Hunting Methods is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on November 1, 2013 (38 MoReg 1744). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective **March 1, 2014**.

SUMMARY OF COMMENTS: No comments were received.

**Title 3—DEPARTMENT OF CONSERVATION
Division 10—Conservation Commission
Chapter 7—Wildlife Code: Hunting: Seasons, Methods,
Limits**

ORDER OF RULEMAKING

By the authority vested in the Conservation Commission under sections 40 and 45 of Art. IV, Mo. Const., the commission amends a rule as follows:

**3 CSR 10-7.431 Deer Hunting Seasons: General Provisions
is amended.**

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on November 1, 2013 (38 MoReg 1744). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective **March 1, 2014**.

SUMMARY OF COMMENTS: No comments were received.

**Title 3—DEPARTMENT OF CONSERVATION
Division 10—Conservation Commission
Chapter 7—Wildlife Code: Hunting: Seasons, Methods,
Limits**

ORDER OF RULEMAKING

By the authority vested in the Conservation Commission under sections 40 and 45 of Art. IV, Mo. Const., the commission amends a rule as follows:

3 CSR 10-7.433 Deer: Firearms Hunting Season is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on November 1, 2013 (38 MoReg 1744). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective **March 1, 2014**.

SUMMARY OF COMMENTS: No comments were received.

**Title 3—DEPARTMENT OF CONSERVATION
Division 10—Conservation Commission
Chapter 7—Wildlife Code: Hunting: Seasons, Methods,
Limits**

ORDER OF RULEMAKING

By the authority vested in the Conservation Commission under sections 40 and 45 of Art. IV, Mo. Const., the commission amends a rule as follows:

**3 CSR 10-7.440 Migratory Game Birds and Waterfowl: Seasons,
Limits is amended.**

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on November 1, 2013 (38 MoReg 1745). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective **March 1, 2014**.

SUMMARY OF COMMENTS: No comments were received.

**Title 3—DEPARTMENT OF CONSERVATION
Division 10—Conservation Commission
Chapter 9—Wildlife Code: Confined Wildlife: Privileges,
Permits, Standards**

ORDER OF RULEMAKING

By the authority vested in the Conservation Commission under sections 40 and 45 of Art. IV, Mo. Const., the commission amends a rule as follows:

3 CSR 10-9.105 General Provisions is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on November 1, 2013 (38 MoReg 1745–1746). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective **March 1, 2014**.

SUMMARY OF COMMENTS: No comments were received.

**Title 3—DEPARTMENT OF CONSERVATION
Division 10—Conservation Commission
Chapter 9—Wildlife Code: Confined Wildlife: Privileges,
Permits, Standards**

ORDER OF RULEMAKING

By the authority vested in the Conservation Commission under sections 40 and 45 of Art. IV, Mo. Const., the commission amends a rule as follows:

3 CSR 10-9.110 General Prohibitions; Applications is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on November 1, 2013 (38 MoReg 1747–1749). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective **March 1, 2014**.

SUMMARY OF COMMENTS: The Department of Conservation received two (2) comments in opposition and one (1) petition with two thousand twenty-four (2,024) signatures in favor of this proposed change.

Those voicing support for the change recognize that it is based on a compromise and represents a mutually agreed upon alternative to current regulations.

Those voicing opposition to the amendment indicated that the change would have negative financial impacts on their business. RESPONSE: Given that this regulation is less restrictive than the current regulation, represents a compromise that meets the needs of the bait industry, offers a convenient option for anglers who prefer to use live crayfish for bait, mitigates some risk associated with transport of privately-collected crayfish across watersheds, and reduces the risk of importation of non-native crayfish, the department will move forward with the change as written.

**Title 3—DEPARTMENT OF CONSERVATION
Division 10—Conservation Commission
Chapter 9—Wildlife Code: Confined Wildlife: Privileges,
Permits, Standards**

ORDER OF RULEMAKING

By the authority vested in the Conservation Commission under sections 40 and 45 of Art. IV, Mo. Const., the commission amends a rule as follows:

3 CSR 10-9.442 Falconry is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on November 1, 2013 (38 MoReg 1750). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective **March 1, 2014**.

SUMMARY OF COMMENTS: No comments were received.

**Title 3—DEPARTMENT OF CONSERVATION
Division 10—Conservation Commission
Chapter 10—Wildlife Code: Commercial Permits:
Seasons, Methods, Limits**

ORDER OF RULEMAKING

By the authority vested in the Conservation Commission under sections 40 and 45 of Art. IV, Mo. Const., the commission amends a rule as follows:

3 CSR 10-10.705 Commercialization is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on November 1, 2013 (38 MoReg 1750–1751). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective **March 1, 2014**.

SUMMARY OF COMMENTS: No comments were received.

**Title 3—DEPARTMENT OF CONSERVATION
Division 10—Conservation Commission
Chapter 10—Wildlife Code: Commercial Permits:
Seasons, Methods, Limits**

ORDER OF RULEMAKING

By the authority vested in the Conservation Commission under sections 40 and 45 of Art. IV, Mo. Const., the commission amends a rule as follows:

3 CSR 10-10.744 Commercial Deer Processing: Permit, Privileges, Requirements is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on November 1, 2013 (38 MoReg 1752). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective **March 1, 2014**.

SUMMARY OF COMMENTS: No comments were received.

**Title 3—DEPARTMENT OF CONSERVATION
Division 10—Conservation Commission
Chapter 11—Wildlife Code: Special Regulations for
Department Areas**

ORDER OF RULEMAKING

By the authority vested in the Conservation Commission under sections 40 and 45 of Art. IV, Mo. Const., the commission amends a rule as follows:

3 CSR 10-11.130 Vehicles, Bicycles, Horses, and Horseback Riding is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on November 1, 2013 (38 MoReg 1752). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective **March 1, 2014**.

SUMMARY OF COMMENTS: No comments were received.

**Title 3—DEPARTMENT OF CONSERVATION
Division 10—Conservation Commission
Chapter 11—Wildlife Code: Special Regulations for
Department Areas**

ORDER OF RULEMAKING

By the authority vested in the Conservation Commission under sections 40 and 45 of Art. IV, Mo. Const., the commission amends a rule as follows:

3 CSR 10-11.180 Hunting, General Provisions and Seasons
is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on November 1, 2013 (38 MoReg 1752–1753). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective **March 1, 2014**.

SUMMARY OF COMMENTS: No comments were received.

**Title 3—DEPARTMENT OF CONSERVATION
Division 10—Conservation Commission
Chapter 11—Wildlife Code: Special Regulations for
Department Areas**

ORDER OF RULEMAKING

By the authority vested in the Conservation Commission under sections 40 and 45 of Art. IV, Mo. Const., the commission amends a rule as follows:

3 CSR 10-11.184 Quail Hunting is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on November 1, 2013 (38 MoReg 1753). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective **March 1, 2014**.

SUMMARY OF COMMENTS: No comments were received.

**Title 3—DEPARTMENT OF CONSERVATION
Division 10—Conservation Commission
Chapter 11—Wildlife Code: Special Regulations for
Department Areas**

ORDER OF RULEMAKING

By the authority vested in the Conservation Commission under sections 40 and 45 of Art. IV, Mo. Const., the commission amends a rule as follows:

3 CSR 10-11.185 Dove Hunting is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on November 1, 2013 (38 MoReg 1753–1754). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective **March 1, 2014**.

SUMMARY OF COMMENTS: No comments were received.

**Title 3—DEPARTMENT OF CONSERVATION
Division 10—Conservation Commission
Chapter 11—Wildlife Code: Special Regulations for
Department Areas**

ORDER OF RULEMAKING

By the authority vested in the Conservation Commission under sections 40 and 45 of Art. IV, Mo. Const., the commission amends a rule as follows:

3 CSR 10-11.205 Fishing, Methods and Hours is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on November 1, 2013 (38 MoReg 1754). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective **March 1, 2014**.

SUMMARY OF COMMENTS: No comments were received.

**Title 3—DEPARTMENT OF CONSERVATION
Division 10—Conservation Commission
Chapter 12—Wildlife Code: Special Regulations for
Areas Owned by Other Entities**

ORDER OF RULEMAKING

By the authority vested in the Conservation Commission under sections 40 and 45 of Art. IV, Mo. Const., the commission amends a rule as follows:

3 CSR 10-12.110 Use of Boats and Motors is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on November 1, 2013 (38 MoReg 1754–1755). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective **March 1, 2014**.

SUMMARY OF COMMENTS: No comments were received.

**Title 3—DEPARTMENT OF CONSERVATION
Division 10—Conservation Commission
Chapter 12—Wildlife Code: Special Regulations for
Areas Owned by Other Entities**

ORDER OF RULEMAKING

By the authority vested in the Conservation Commission under sections 40 and 45 of Art. IV, Mo. Const., the commission amends a rule as follows:

3 CSR 10-12.115 Bullfrogs and Green Frogs is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on November 1, 2013 (38 MoReg 1755–1756). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective **March 1, 2014**.

SUMMARY OF COMMENTS: No comments were received.

**Title 3—DEPARTMENT OF CONSERVATION
Division 10—Conservation Commission
Chapter 12—Wildlife Code: Special Regulations for
Areas Owned by Other Entities**

ORDER OF RULEMAKING

By the authority vested in the Conservation Commission under sections 40 and 45 of Art. IV, Mo. Const., the commission amends a rule as follows:

3 CSR 10-12.125 Hunting and Trapping is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on November 1, 2013 (38 MoReg 1756). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective **March 1, 2014**.

SUMMARY OF COMMENTS: No comments were received.

**Title 3—DEPARTMENT OF CONSERVATION
Division 10—Conservation Commission
Chapter 12—Wildlife Code: Special Regulations for
Areas Owned by Other Entities**

ORDER OF RULEMAKING

By the authority vested in the Conservation Commission under sections 40 and 45 of Art. IV, Mo. Const., the commission amends a rule as follows:

3 CSR 10-12.135 Fishing, Methods is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on November 1, 2013 (38 MoReg 1756–1757). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective **March 1, 2014**.

SUMMARY OF COMMENTS: No comments were received.

**Title 3—DEPARTMENT OF CONSERVATION
Division 10—Conservation Commission
Chapter 12—Wildlife Code: Special Regulations for
Areas Owned by Other Entities**

ORDER OF RULEMAKING

By the authority vested in the Conservation Commission under sections 40 and 45 of Art. IV, Mo. Const., the commission amends a rule as follows:

**3 CSR 10-12.140 Fishing, Daily and Possession Limits
is amended.**

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on November 1, 2013 (38 MoReg 1757). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective **March 1, 2014**.

SUMMARY OF COMMENTS: No comments were received.

**Title 3—DEPARTMENT OF CONSERVATION
Division 10—Conservation Commission
Chapter 12—Wildlife Code: Special Regulations for
Areas Owned by Other Entities**

ORDER OF RULEMAKING

By the authority vested in the Conservation Commission under sections 40 and 45 of Art. IV, Mo. Const., the commission amends a rule as follows:

3 CSR 10-12.145 Fishing, Length Limits is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on November 1, 2013 (38 MoReg 1757–1758). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective **March 1, 2014**.

SUMMARY OF COMMENTS: No comments were received.

**Title 8—DEPARTMENT OF LABOR AND
INDUSTRIAL RELATIONS
Division 10—Division of Employment Security
Chapter 3—Unemployment Insurance**

ORDER OF RULEMAKING

By the authority vested in the Division of Employment Security under sections 288.220 and 288.390, RSMo 2000, the division adopts a rule as follows:

**8 CSR 10-3.150 Fraud Penalties on Federal and State Benefits
is adopted.**

A notice of proposed rulemaking containing the text of the proposed rule was published in the *Missouri Register* on October 1, 2013 (38 MoReg 1532–1533). No changes have been made in the text of the proposed rule, so it is not reprinted here. This proposed rule becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 8—DEPARTMENT OF LABOR AND
INDUSTRIAL RELATIONS
Division 10—Division of Employment Security
Chapter 4—Unemployment Insurance**

ORDER OF RULEMAKING

By the authority vested in the Division of Employment Security under section 288.220, RSMo 2000, the division amends a rule as follows:

8 CSR 10-4.020 Records and Reports is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on October 1, 2013 (38 MoReg 1533). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 8—DEPARTMENT OF LABOR AND
INDUSTRIAL RELATIONS
Division 10—Division of Employment Security
Chapter 4—Unemployment Insurance**

ORDER OF RULEMAKING

By the authority vested in the Division of Employment Security under sections 288.220 and 288.390, RSMo 2000, the division adopts a rule as follows:

**8 CSR 10-4.210 Prohibition on the Non-Charging of Benefits
is adopted.**

A notice of proposed rulemaking containing the text of the proposed rule was published in the *Missouri Register* on October 1, 2013 (38 MoReg 1533–1534). No changes have been made in the text of the proposed rule, so it is not reprinted here. This proposed rule becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 10—DEPARTMENT OF NATURAL RESOURCES
Division 20—Clean Water Commission
Chapter 7—Water Quality**

ORDER OF RULEMAKING

By the authority vested in the Clean Water Commission under section 644.026, RSMo 2000, the Clean Water Commission amends a rule as follows:

10 CSR 20-7.015 is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on June 17, 2013 (38 MoReg 913–938). Those sections with changes are reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: A public hearing on this proposed rule amendment was held September 11, 2013, and the public comment period ended September 18, 2013. At the public hearing, staff of the Water Protection Program explained the proposed amendment. Oral testimony was provided by Roger Walker (Regulatory Environmental Group for Missouri), Phillip Walsack (Missouri Public Utility Alliance), Kevin Perry (Regulatory Environmental Group for Missouri), Robert Brundage (Newman, Comley, & Ruth), and Trent Stober (HDR). Written comments were provided by Elke Boyd (Shafer, Kline & Warren, Inc.), Paul Calamita (Association of Missouri Cleanwater Agencies), Robert Brundage (Newman, Comley & Ruth), Karen Flournoy (U.S. Environmental Protection Agency), Susan Myers (Metropolitan St. Louis Sewer District), and Roger Walker (Regulatory Environmental Group for Missouri).

COMMENT #1: The U.S. Environmental Protection Agency (EPA) commented that paragraph (1)(A)2. addresses discharges to lakes and reservoirs and uses the term “normal full pool.” The term is also used in subsection (3)(A) and subparagraph (9)(B)1.C. It is unclear whether the term refers to conservation pool, flood pool, or some other volume. EPA recommends defining “normal full pool.”

RESPONSE AND EXPLANATION OF CHANGE: For clarity, the term “normal full pool” has been changed to “conservation pool.” Conservation pool is a term that is more commonly used to indicate the specified amount of water held in a reservoir dedicated to water storage.

COMMENT #2: EPA raised a concern about the term “maximum” in section (2). Section (2) establishes technology-based effluent limits for discharges to the Missouri and Mississippi Rivers. However, additional limits may apply as well, such as those based on Total Maximum Daily Loads (TMDLs) or Water Quality-Based Effluent Limits (WQBELs) or others. It would be wise to avoid misinterpretation of the term “maximum” because these other limits may apply. Further, EPA raised the issue of wastewater discharges from drinking water treatment plants. Technology-based effluent limits must be developed on a case-by-case basis, using the factors for best professional judgment set forth in Sections 301(b)(2) and 304 (b) of the Clean Water Act (CWA) and in 40 CFR § 125.6 under authority of Section 401(a)(1) of the CWA, for industries in which no specific federal effluent limit guidelines have been promulgated. In addition, EPA noted that WQBELs must be protective of Missouri’s narrative water quality criteria at 10 CSR 20-7.031(5)(E) through (H).

RESPONSE AND EXPLANATION OF CHANGE: To clarify that the requirements of section (9) apply to all discharges, language has been added in each of the sections that establish technology-based limits (sections (2) through (8)) noting that the requirements of section (9) also apply. In paragraph 9(A)3. a phrase was added to clarify that technology-based limits must be developed on a case-by-case basis for all facilities in which a federal effluent limit guideline has not been developed.

COMMENT #3: EPA raised a concern about the applicability of Missouri’s regulations with regard to stormwater. Paragraph (9)(A)6. references Missouri’s stormwater regulation (10 CSR 20-6.200) as one of the paths by which effluent limits are set. However, 10 CSR 20-6.200 is only applicable to all waters listed as L1, L2, and L3 in Table G and P, P1, and C in Table H of 10 CSR 20-7.031. At issue are the waters that are not listed in these tables, but are still considered “Waters of the State” as fully defined in 10 CSR 20-7.031. The 10 CSR 20-7.031 definition includes a phrase that references all waters of the United States. The department cannot forego regulation of stormwater discharges to these waters at issue and the regulations must support attainment of the general criteria in all wastes of the U.S. located in Missouri.

RESPONSE: The department has begun the process of amending 10 CSR 20-6.200 Stormwater Regulations. The department intends to propose amending 10 CSR 20-6.200 so that all waters of the U.S. will be applicable.

COMMENT #4: Mr. Brundage commented that subsection (4)(B) prescribes effluent limits for losing streams only in cases where it is allowed by the department and suggests removing a phrase that could potentially be at odds with the antidegradation provisions found in the Water Quality Standards regulation.

RESPONSE AND EXPLANATION OF CHANGE: The phrase has been removed and the sentence has been reworded as suggested.

COMMENT #5: The Metropolitan St. Louis Sewer District (MSD) and the Missouri Public Utility Alliance (AMCA) provided comments regarding the use of the federal definition for “bypass” and advocated for removal of the definition. Both commenters cite the recent “Iowa League of Cities” United States Eighth Circuit Court of Appeals case. In that case the Court found that EPA may regulate pollutant levels in a wastewater stream that is directly discharged into waters of the U.S. through a point source and that EPA is not authorized to regulate the pollutant levels in a facility’s internal waste streams. The Court also concluded that regulations on pollutants and flows internal to the plant exceed EPA’s statutory authority. Adopting the definition of “bypass” into this regulation is contrary to the “Iowa League of Cities” decision, and it is illegal and unnecessary. MSD added that if the definition of “bypass” is retained, language should be added to make it clear that the department does not intend to regulate the pollutant levels in a facility’s internal waste stream.

Mr. Stober provided testimony in support of the proposed rule language that adopts the federal definition of bypass. This is the “law of the land” and it appears that we are getting more and more clarifications regarding how to interpret this area of regulation as we move ahead.

EPA also provided comments regarding the bypass reporting requirements found in subsection (9)(G) noting that the definition of “bypass” is generally consistent with the federal regulation, however, the language does not address the minimum content requirements for bypass reports. This omission could be remedied by referencing 40 CFR § 122.41(j)(3). In addition, EPA noted that the proposed rule allows Publicly-Owned Treatment Works (POTWs) to report bypasses that occur during storm water inflow and infiltration events on their discharge monitoring reports. This is inconsistent with the federal requirements in 40 CFR § 122.41(l).

RESPONSE AND EXPLANATION OF CHANGE: Language in paragraph (9)(G)1. has been modified as a result of these comments. The decision in the “Iowa League of Cities” case was focused on the question of whether blending constituted a bypass. Blending is the term used to describe the practice of combining a partially treated wastewater stream with one that receives full treatment prior to discharge. The “Iowa League of Cities” decision makes it clear that blending is acceptable, but there are other forms of bypass that were not considered in the case. An example would be an overflow of a primary clarifier in a manner such that a discharge to waters of the state occurred. For this reason, the definition of “bypass” has been retained. It has been modified, however, to make it clear that blending is acceptable.

The department did consider removing the definition of “bypass” from the rule, but has concluded that this would not be appropriate. Even in light of the “Iowa League of Cities” decision, some bypasses should continue to be prohibited.

The department has revised bypass reporting language to make it clear that unanticipated bypasses that occur at POTWs during storm water inflow and infiltration events can report them on their discharge monitoring reports, but only if the bypass does not result in violations of permit limits, or conditions which may endanger human health or the environment.

COMMENT #6: EPA provided a number of comments regarding effluent limits for bacteria. The rule retains year-round disinfection for all discharges to losing streams. In light of the concurrently proposed water quality standards rule (10 CSR 20-7.031), numeric criteria will be extended to many additional streams within the state. This has the potential to drastically increase the number of discharges to streams that have specific designated uses. Does the department plan to evaluate the losing or gaining status of all of these new streams, and if so, will these findings be incorporated in future revisions of Table J in 10 CSR 20-7.031?

EPA noted that the proposed short-term *E. coli* limits for dischargers to waters designated as Whole Body Contact A or B are precisely five (5) times the state’s water quality standards. It appears that these limits may not derive from or comply with the applicable water quality standards. EPA considers this provision to constitute new or revised water quality standards that EPA must approve before becoming effected for Clean Water Act purposes. However, if the state can explain how the short-term limits were derived and show how these comply with the applicable bacteria criteria, then EPA may not view or act on this as a new or revised water quality standard.

EPA also noted that there were incorrect references to subparagraphs (9)(D)6.B., C., and D. In addition, EPA provided a comment and question regarding how compliance with short-term bacteria limits will be assessed for facilities that have reduced sampling frequencies (those facilities that have design flows of less than one hundred thousand (100,000) gallons per day).

MSD also provided comments regarding short-term bacteria limits. For discharges designated for Whole Body Contact A and B the

department has determined that short-term effluent limits of five (5) times the water quality standard are protective of beneficial uses. However, this same logic (applying a factor of five (5)) has not been applied to waters designated for Secondary Contact Recreational. MSD requests that the short-term limit for Secondary Contact Recreational be established at five thousand six hundred seventy (5,670) colony forming units per one hundred (100) milliliters.

AMCA noted that language in subparagraph (9)(B)1.G. contained a minor, but significant error. The language specifies that less than ten percent (10%) of samples can exceed the one hundred twenty-six (126) daily maximum value. But EPA’s national criteria specify that no more than ten percent (10%) can. This change needs to be made in both the rule, and the fiscal note. AMCA raised another issue with regard to the fiscal note. In the fiscal note the department stated that disinfection systems are designed for complete kill or inactivity. This is incorrect. The vast majority of systems yield detectable (albeit very low) levels of bacteria. The sentence should be removed or revised to indicate that complete kill or inactivity is a performance goal but not a design criterion of modern disinfection systems.

RESPONSE AND EXPLANATION OF CHANGE: The department intends to continue with the task of evaluating the losing/gaining status of streams in which there is a discharge. This will be an ongoing task for all of the waters expected to be newly designated as fishable/swimmable. The state conducts these evaluations and the data is added to Missouri’s losing stream data base or listing. At every triennial review Table J in 10 CSR 20-7.031 is updated to reflect these findings.

Missouri’s bacteria water quality standards have been established and approved by EPA. These standards are based on the geometric mean averaged over an entire recreational season (April 1 through October 31). EPA issued an interim objection to permits written based solely on the water quality standard because the permit did not contain average weekly limits as required by federal regulation (40 CFR 122.45(d)). Given the need for short-term limits, the Missouri Clean Water Commission directed staff to apply the same multiplier that had been used for the old form of the bacteria standard (fecal coliform). This decision was based on the judgment that this multiplier would be appropriate. During discussions with EPA concerning the interim objection EPA provided a statistical approach to try and develop a more quantitative way to develop short-term limits. The approach made a number of assumptions that were not rigorously defensible. The proposed short-term limits are not intended to serve as new water quality criteria; they were only developed to meet the need to have short-term limits in permits. The goal of the short-term limits is to be protective of the long term water quality standard.

Since January 2011 the department has been applying these short-term limits and there is no evidence to show that they are not protective. It is important to remember that in addition to the short-term limits, the seasonal limits also apply. With regard to how compliance with the bacteria limits will be determined, the proposed regulation speaks for itself. For compliance with the seasonal effluent limit, all of the sample results for each calendar month are geometrically averaged and compared to the counts prescribed in 10 CSR 20-7.031(4)(C). This is conservative because the water quality criteria are based on the geometric mean of an entire season, not the calendar month that was incorporated into the rule. For short-term limits compliance is determined by comparing the geometric mean of all of the samples taken in a particular week with the short-term limits prescribed in (9)(B)1.E. This comparison can be made after a monthly, quarterly, or even annual discharge monitoring report is received from the permit holder. In addition, permit holders are required by standard conditions in every permit to report noncompliance within five (5) days of them becoming aware of the noncompliance. It is through this reporting requirement that the department is able to address noncompliance in a timely manner. Again, these short-term *E. coli* limits are in no way intended to serve as water quality standards on their own. The intention of these short-term limits is to be protective of the long-term water quality criteria. This approach for applying short-term limits was developed though considerable stakeholder

involvement; and based on the experience over the last thirty-two (32) months the department strongly asserts that these values are appropriate and protective of designated uses. The incorrect rule references EPA noted were corrected prior to publication of the proposed rule.

The department does not intend to apply the same multiplier for short-term *E. coli* limits for discharges to waters designated as Secondary Contact Recreational. Part of the reasoning for this decision is that the five (5) times multiplier was never applied under the previous water quality standard for bacteria, fecal coliform. The other reason is that the performance goal of disinfection systems is complete kill or inactivity. Very high *E. Coli* counts, such as the suggested five thousand six hundred seventy (5,670) are indicative of a system that is failing to properly disinfect or that there is so much inflow that the disinfection system is overwhelmed. Values this high are also not acceptable because of the potential risk or perceived risk to those recreating on the waters so designated.

Language has been changed as suggested by AMCA regarding the error in subparagraph (9)(B)1.G. AMCA's suggested corrections to the fiscal note on this issue have also been changed, as well as the changes regarding the fact that complete kill and inactivity are performance goals rather than strict design criteria.

COMMENT #7: Mr. Brundage provided a comment regarding paragraph (8)(A)3. This paragraph says that the department may set Biological Oxygen Demand and Total Suspended Solids limits based on past performance that exceeded effluent limits. This creates a disincentive and discourages wastewater treatment operators from striving to achieve the best treatment possible. If they do, they may be penalized by receiving future limits that are more stringent and face periodic violations despite the fact that water quality is being protected. Mr. Brundage recommends that this paragraph be deleted.

RESPONSE: Federal regulations (40 CFR 133.105(f)) state that permitting authorities shall require more stringent limitations for existing facilities if, based on an analysis of past performance, it is determined that the treatment works could achieve more stringent limitations. The same federal regulation also states that the permitting authority shall require more stringent limitations for new facilities if the design, geography, and climatic conditions of the facility would enable the treatment works to achieve more stringent limitations. This element has been in Missouri's Effluent Regulation since at least 1999. No changes have been made as a result of this comment.

COMMENT #8: EPA provided comments regarding the proposed return of the allowable pH range of wastewater discharges from six and one-half to nine (6.5–9.0) to six to nine (6–9). These changes comport with the applicable federal regulations for toxicity-based effluent limits (40 CFR §§122.44(d) and 135.105). However, effluent limits must contain the more stringent of the applicable technology-based effluent limits or the applicable WQBELs. The WQBELs for pH are derived from 10 CSR 20-7.031(5)(E), which establishes the ambient pH range as six and one-half to nine (6.5 to 9.0). This water quality-based pH range, as currently worded, applies to all waters of the state, including mixing zones and zones of initial dilution. This effectively requires discharges to comply with the pH criterion at the end-of-pipe. The department may wish to consider revising 10 CSR 20-7.031(5)(E) to provide for a wiser application of the pH criterion at the edge of the mixing zone. Such a change to the state's water quality standards must be submitted and approved by EPA before becoming effective for Clean Water Act purposes. The Regulatory Environmental Group for Missouri (REGFORM) provided testimony in favor of the proposed changes regarding the pH range.

RESPONSE: A review of the language in 10 CSR 7.031(5)(E) confirms that the water quality-based pH range applies to all waters of the state and therefore effectively requires compliance with the pH water quality criterion at the end-of-pipe. The department intends to revisit this in the next revision of the water quality standards regulation (10 CSR 20-7.031).

COMMENT #9: EPA raised a concern about language in paragraph (9)(A)7. regarding effluent limits that are required as a result of legal agreements or formal variances. EPA stressed that legal agreements between discharges and the department or Clean Water Commission may be used to justify more stringent effluent limits, but be less stringent than otherwise required in the remaining paragraphs of subsection (9)(A). EPA noted that the opening sentence in subsection (9)(A) begs the question: how could any effluent established under the variance provision ((9)(A)7.) constitute the most protective limit. EPA suggests removing the reference to variances in paragraph (9)(A)7. EPA also commented that subsection (9)(A) states that the most protective limits within the list of that subsection apply. However, in other portions of the rule such as (8)(A)3.C. it is not clear that the limitations established in (9)(A) apply.

RESPONSE AND EXPLANATION OF CHANGE: Rule language in subsection (9)(A) has been modified to make it clear that the most protective limits apply. The reference to variances from water quality standards has been relocated to the introduction and language has been added to make it clear that variances must be approved by both the Clean Water Commission and EPA. Changes have also been made in sections (2), (3), (4), (6), (7), and (8) to make it clear that the limits in section (9) may also apply.

COMMENT #10: EPA provided comments concerning the use of flow-variable WQBELs as proposed in subparagraph (9)(A)2.B. Although EPA supports the application of both tiered and seasonal fixed limits in permits, these limits present significant regulatory and environmental drawbacks. EPA noted that flow tiered limits may provide an incentive to store wastewater and meter out partially treated effluent according to prevailing stream flow, potentially leading to an overall increase in pollutants discharged. This is particularly true of nutrients because some receiving waters may act as nutrient sinks and higher pollutant loads may accelerate eutrophication and interfere with nutrient reduction strategies. The development of Total Maximum Daily Loads would be complicated by flow-variable permit limits. Traditionally, the dilution provided by higher flows has been allotted primarily to nonpoint pollution sources. Another issue related to flow-variable permits is that continuous stream flow monitoring and continuous effluent quality and magnitude monitoring would need to be done for self-monitoring and reporting purposes. Facilities with flow-variable limits would also have to be designed and constructed so that rapid operational adjustments can be made in response to stream flow changes. Facility adjustments that lag behind stream flow changes could greatly increase the risk of non-compliance with permit limits. Another concern is the prevention of bottom deposits. These can form when stream flows are no longer sufficient to suspend and transport solids. The state would be expected to develop best professional judgment-based technological limits to address this. Many in-stream pollutant concentrations correlate with stream flow rates. Some water quality criteria may be approached or even exceeded during high flow events, and the state would need to account for this during the development of flow-variable WQBELs. Hardness generally exhibits an inverse relationship with stream flow, so the lowest hardness levels occur during the largest runoff events. Flow-variable permit limits for hardness-dependent metals would need to reflect this fact. Another difficulty with flow-variable permit limits involves the consideration of antidegradation and anti-backsliding considerations. For these and other reasons EPA strongly discourages the department from incorporating a flow-variable WQBEL provision. MSD strongly supports the use of alternate receiving water mixing flows for developing flow-variable permits outlined in paragraph (9)(A)2. However, the proposed wording does not allow existing facilities to increase pollutant loading beyond that currently achieved unless supported by an approved TMDL. This means that an expanding plant could incur additional, significant costs, even if the expanded discharge can be shown to meet water quality standards in the receiving water. MSD recommends elimination of that requirement. MSD suggested revised language.

RESPONSE AND EXPLANATION OF CHANGE: The department shares many of EPA's concerns and recognizes some of the barriers and difficulties in the application of flow-tiered limits. Because of these difficulties and the ongoing expenses associated with them, the department expects that very few applicants will seek to avail themselves of this provision. When they do, the department will need to work through the issues that EPA has raised and consider the individual situation. With regard to MSD's concern, the language has been revised to clarify that flow-variable limits shall not allow the discharge to increase pollutant loading only in cases in which the existing discharger is not expanding or constructing a new facility.

COMMENT #11: EPA raised a concern with regard to paragraph (9)(D)7. which requires quarterly nutrient monitoring at facilities that discharge more than one hundred thousand (100,000) gallons per day. EPA supports the incorporation of this new provision, with the following caveats: 1) nutrient monitoring should not be restricted to a duration of five years in instances where total nitrogen and phosphorus limits are required in a permit, and 2) that those facilities that discharge less than one hundred thousand (100,000) gallons per day should not be categorically exempted because there may be situations in which effluent monitoring may be necessary to ensure compliance with water quality standards. EPA also noted that pursuant to 40 CFR § 122.21(j)(4)(iii) permit applications for POTWs must include a minimum of three (3) samples and that all applicants with a design flow greater than or equal to one hundred thousand (100,000) gallons per day must sample and analyze for the pollutants listed in appendix J, table 1, of this regulation. If the state chooses, the federal regulatory language, which applies to nutrients and other pollutants, may be built into the permit document.

MSD noted that subsection (9)(B) is titled Bacteria and Nutrient Limits, which refers to a placeholder for future nutrient limits in paragraph (9)(B)2. However, nutrients limits are specifically established in other locations of the rule, such as subsection (3)(C).

RESPONSE AND EXPLANATION OF CHANGE: Language has been revised in paragraph (9)(D)7. to give the department the authority to impose ongoing or more frequent nutrient monitoring for cases in which nutrient limits have been imposed or in cases in which compliance with water quality standards need to be ensured. In addition, the term "statewide" has been inserted into subsection (9)(B) and paragraphs (9)(B)2. and (9)(B)7. to distinguish between statewide nutrient requirements and those imposed for the specific protection of Table Rock Lake and Lake Taneycomo.

COMMENT #12: EPA noted that paragraph (9)(A)5. of the rule introduces several new terms associated with antidegradation effluent limits. These terms include "no degradation effluent limits," "minimally degrading effluent limits," and "preferred alternative effluent limits." Given the significance of these terms in the antidegradation review process, these terms should be specifically defined by regulation. MSD provided specific rule language that eliminated the direct use of these terms, and instead referred generically to limits derived through the antidegradation review process.

RESPONSE AND EXPLANATION OF CHANGE: The purpose of paragraph (9)(A)5. is to clarify the state's authority to develop effluent limits based on antidegradation. MSD's suggested language does this without using the terms that EPA recommended the State define. Therefore, the regulation has been revised as suggested by MSD.

COMMENT #13: Mr. Brundage raised a concern about paragraph (4)(B)6. which imposes nitrate limits if the discharge may impact specific drinking water wells. Mr. Brundage suggests that nitrate limits only be imposed when nitrates are known to impact a well. He also questioned directly imposing the ten milligram per liter (10 mg/L) nitrate limit because it does not factor in degradation of that pollutant or dilution. Permit writers should be allowed to impose higher nitrate limits to account for the fate and transport, so long as water from the drinking water well meets the ten milligram per liter

(10 mg/L) concentration standard. EPA noted that the wording of this provision suggests that nitrate limits will not protect undeveloped aquifers that may be used as a future drinking water source.

RESPONSE: The department acknowledges the technical difficulties of predicting when a wastewater discharge will impact water used as a drinking water source. The approach suggested by Mr. Brundage, however, would not be prudent. Waiting until the department knows that a well has been impacted by nitrates in a wastewater discharge would risk the human health protections provided by the standard. And once contaminated, remediation is likely difficult and expensive. At the other end of the spectrum is the application of nitrate limits in all cases in an effort to protect all undeveloped aquifers, without consideration of degradation or dilution. The alternative to both extremes is to only require nitrate limits in setting where the permit writer has concerns about the size of the discharge, its proximity to drinking water wells, and a concern that the geological conditions may allow the discharge to affect the quality of the well water. This allows applicants and permit writers to consider the specific setting and base the imposition of limits on the best technical reasoning available. As a matter of practice, limits will be imposed if there is a reasonable expectation that a discharge may impact a specific well, and the proposed language has been maintained to reflect that approach.

COMMENT #14: AMCA provided a comment regarding minimum monitoring frequencies. In several places the language authorizes the department to reduce the minimum monitoring frequencies for dischargers that can demonstrate consistent compliance. This flexibility should be extended to each section where minimum frequencies are expressed. Example locations include (1)(A)4., (5)(B)4., and (6)(D).

RESPONSE AND EXPLANATION OF CHANGE: The rule has been revised to allow for reduced monitoring frequencies as suggested by AMCA. Revisions were made in subparagraph (5)(B)1.B. and part (6)(A)4.A.(II).

COMMENT #15: EPA commented about subsection (9)(C) regarding provisions for schedules of compliance. As proposed, the language requires 1) all compliance schedules must comport with 10 CFR § 122.47, 2) all schedules must set forth interim requirements and the dates for their achievement, and 3) permit holders must notify the department of adherence to, or departure from, the specified interim and final dates of compliance. In addition, the proposed rule allows the department to modify a schedule of compliance. To ensure that compliance schedules in Missouri comport with the federal regulations, paragraph (9)(C)2. must specify that the time between interim dates shall not be allowed to exceed one (1) year (except in the case of a schedule for compliance with standards for sewage sludge use and disposal, when the time between interim dates shall not exceed six (6) months. Also, paragraph (9)(C)4. must reference or reiterate language in the federal regulation which states that good cause must exist for modification of a compliance schedule, such as an act of God, strike, flood, or materials shortage or other events over which the permittee has little or no control and for which there is no reasonably available remedy.

AMCA noted that there are several locations in the proposed rule that reference the availability of compliance schedules. AMCA suggests the additional references to the availability of compliance schedules in sections (2) and (3), and provided suggested rule language.

RESPONSE AND EXPLANATION OF CHANGE: A sentence has been added to paragraph (9)(C)2. as suggested by EPA to specify that the time between interim dates shall not be allowed to exceed one (1) year with the exception of compliance with standards for sewage sludge use and disposal. Language was also added to paragraph (9)(C)4. to reflect the federal requirement that permits schedules can be modified for cause as suggested by EPA. Additional reference to the availability of compliance schedules were added in subparagraphs (2)(A)3.C., (3)(A)1.C., (8)(A)3.C., and subsection (4)(B).

COMMENT #16: EPA raised a concern about paragraph (2)(C)2. and other locations in the rule ((3)(B)2., (4)(C)2., (5)(B)2., (6)(A)4.B., and (8)(B)2.) that say that sampling frequency shall be representative of the discharge during the period sampling covers. Existing regulatory language requiring facilities to monitor on a regular evenly-spaced schedule has been removed. To improve clarity, the regulation should define the term “representative sampling,” either through insertion of a new definition or by referencing the applicable section of the National Pollutant Discharge Elimination System permit writers’ manual and/or the federal regulations at 40 CFR § 122.48.

RESPONSE AND EXPLANATION OF CHANGE: For clarity’s sake, the following definition of “representative sample” was added in subsection (1)(A): a small quantity whose characteristics represent the whole. To be representative of characteristics over time, samples should be spread evenly over the entire period.

COMMENT #17: Mr. Brundage commented in support of the proposed language in subsection (7)(A). This subsection regulates subsurface discharges, and required compliance with ground water protection criteria at a point ten feet (10') under the release point. This ten- (10-) foot distance was arbitrary and not science based. Typically, a drinking water aquifer is first encountered at a far greater depth than ten (10) feet below the surface. The ten- (10-) foot compliance approach does not account for the fact that pollutants often undergo further degradation, biological treatment, or dispersion before entering a ground water aquifer used for drinking water purposes. For these reasons Mr. Brundage supports the proposed amendment that allows an alternative compliance point based on site-specific considerations.

RESPONSE: The department appreciates the support; no changes were made as a result of this comment.

COMMENT #18: EPA provided comments regarding the difference between site-specific effluent limits and site-specific criteria. Site-specific limits and site-specific criteria are different regulatory constructs and are subject to different review and approval requirements. Site-specific criteria constitute water quality standards and must be approved by EPA prior to implementation. Site-specific effluent limits do not constitute water quality standards and often can be issued independently by the delegated permit authority. For example, site-specific limits for some metals are based, in part, on the hardness of the receiving water. Site-specific criteria represent ambient water quality goals; site-specific limits represent an available mechanism for attaining those goals. Water quality standards can be structured in a manner that effectively expands the independence of the permitting authority in the issuance of site-specific limits. Paragraph 10 CSR 20-7.031(5)(S)2. adopts the EPA guidance “Streamlined Water-Effects Ratio Procedure for Discharges of Copper” (EPA-822-R-01-005, March 2001). Because of this adoption the department is able to apply Water-Effects Ratios in the development of effluent limits. However, other forms of site-specific criteria will still need to be submitted to, and approved by, EPA on a case-by-case basis prior to becoming effective for Clean Water Act Purposes.

RESPONSE AND EXPLANATION OF CHANGE: Language in subparagraph (9)(A)2.A. has been revised to eliminate the list of examples of site-specific effluent limits. The language also requires that site-specific limits must only be developed if the water quality standards regulation (10 CSR 20-7.031) specifically provides for them.

COMMENT #19: REGFORM provided a number of comments related to Whole Effluent Toxicity (WET) testing, as proposed in subsection (9)(L). The proposed language requires WET testing to be performed by individuals who are properly trained referencing 10 CSR 20-6.010(8)(A)4. as the authority to require this training. This reliance is misplaced because 10 CSR 20-6.010(8)(A)4. does not mention or reference the use of properly trained individuals to per-

form WET tests. In fact, 10 CSR 20-6.010(8)(A)2. is far more generic and essentially requires that personnel be certified in accordance with all applicable state law or regulations. REGFORM recommends modifying paragraph (9)(L) 1. to require that WET tests be conducted in accordance with 40 CFR Part 136 methods and delete the requirement that WET tests must be performed by individuals who are properly trained.

The proposed rule requires all WET tests to be performed using multiple dilution tests (subparagraphs (9)(L)2.A. and B.). REGFORM advocates for more flexibility to allow case-by-case considerations. The federal reference method allows both single dilution and multiple dilution tests. The intent of WET testing is to determine whether the criterion for toxicity is being maintained in a receiving water at the allowable effluent concentration. In situations where a discharge is well-characterized or the system is not complex, this determination can be made with a single dilution test. REGFORM views the requirement for multiple dilution testing as more prescriptive than federal regulations and believes that this will add compliance costs where not necessarily warranted. The federal regulations do not require multiple dilution tests under all circumstances and REFORM requests that the reference to multiple dilution series tests be deleted or modified to allow regulatory flexibility on a case-by-case basis. Multiple dilution tests are approximately forty percent (40%) more expensive than single dilution tests. If a single dilution test fails then the department could require the discharger to follow up with an accelerated multiple series dilution test.

REGFORM noted that paragraph (9)(L)3. requires permits to include WET test limits in cases where there is reasonable potential to cause or contribute to an excursion from the narrative water quality standards. This provision is inappropriate given there are more specific criteria established at 10 CSR 20-7.031(3)(I) and (4). REGFORM requests removal of this portion of the rule.

The draft regulations in subparagraph (9)(L)4.B. references the use of only two (2) species: *Pimephales promelas* (a fathead minnow) and *Ceriodaphnia dubia* (a water flea). This is more restrictive than EPA regulations which include a list of additional species that may be considered. REGFORM believes that there are situations that warrant the use of alternative species and that species already recognized by EPA should be available without additional department approval. REGFORM provided substitute rule language for this subparagraph. It is important to remember that *Ceriodaphnia dubia* may not be representative in all cases for permittees in Missouri because it is not a species found in many areas of the state. The proposed language does include a provision by which alternative species could be used, but REGFORM recommended that a direct reference to follow the 40 CFR 163 methods.

REGFORM noted that subparagraph (9)(L)4.C. requires the use of toxic units. Toxic units are one option provided for in federal guidance. A second option is percent efficient at the critical dilution. REFORM recommends that both options be made available, but neither should be made a regulatory requirement.

For a number of reasons, REGFORM strongly opposes the requirement proposed in subparagraph (9)(L)4.D. to submit the complete lab report for each WET test performed by a facility. First, it is not clear why a complete lab report is always necessary since the form used by the department already includes all of the needed information. Second, these documents are often quite large, may be too big to electronically scan and thus will likely need to be photocopied and mailed to the department. This requirement would be burdensome, time consuming, and will generate a tremendous amount of paper files that the department will have to manage. Third, facilities that must perform toxicity identification evaluations and toxicity reduction evaluations often conduct a large number of WET tests. Given the investigative nature of these evaluations, these WET tests are frequently not identical to a permittee’s WET permit conditions, making department review difficult. Fourth, facilities will be subject to potential Clean Water Act enforcement if a submittal inadvertently omits part of the expected submittal. Finally, any potential refinements to the WET tests procedures or policies will be difficult to do

if these are codified in rule because of the laborious nature of rule revisions. REGFORM recommends that the language be changed to state that lab reports must be made available to the department upon request. As a second less desirable alternative, the rule could be revised to require complete lab reports only from permittees that fail WET tests.

REGFORM notes that subparagraph (9)(L)4.D. requires permittees to complete and submit the department's form for each WET test performed. REGFORM does not oppose submitting the necessary information. REGFORM takes issue when the reporting requirement is overly burdensome, inefficient, and of questionable value. There are numerous known shortcomings associated with the Form MO-780-1899. It is ill suited for the purpose of summarizing the results from WET tests in general and chronic WET tests in particular. Several, but not all, of the form's shortcomings include the form's imposition of sampling requirements not justified in a permit's Fact Sheet, the requirement that facilities must rely on others to fill out certain data fields, the lack of clear instructions, poor formatting, and the fact that the form was not designed to summarize chronic results. Regarding this last point, the form requires over two hundred thirty (230) individual data fields to be entered by a facility for a two (2) species chronic WET test. Therefore, absent a commitment from the department to appropriately revise the form, REGFORM strongly opposes the codification of a requirement to use the form.

REGFORM commented about the term "allowable effluent concentration." It is not defined in regulation and it is used in both the regulation and it is frequently used in permits. REGFORM recommends that the term be defined in a manner similar to how it is defined in EPA guidance.

REGFORM reasserted their position that it would be more cost effective, less confusing, and equally protective of the environment if state regulations closely tracked federal regulations and guidance. REGFORM provided specific rule language for the entire subsection (9)(L) for the department's consideration.

Mr. Brundage supports REGFORM's comments concerning the WET testing requirements. He provided testimony reinforcing REGFORM's comments regarding the requirement for multiple dilution tests, the reliance on toxic units, and recommended that the rule be changed to allow flexibilities afforded under the federal regulations.

Mr. Stober testified in support of the concept of establishing clear WET test requirements.

EPA also provided comments regarding the WET test provisions of the proposed rule. EPA noted that subparagraph (9)(L)4.A. says that facilities which discharge to "cold water sport fisheries" may be required to perform WET tests using *Oncorhynchus mykiss* (rainbow trout) instead of the fathead minnow. The phrase "cold water sport fisheries" is vague, and the department may wish to retain the option of requiring this species for discharges into either cold water or cool water habitats as defined in 10 CSR 20-7.031. EPA notes that correspondence with the Missouri Department of Conservation shows that rainbow trout sometimes live in cool water reaches of streams by sheltering in the small in-channel spring upwellings that maintain water temperatures in the cool water range.

EPA further commented that subparagraph (9)(L)4.A. requires a dilution series for a WET test that shall be a set of proportional effluent dilutions based on an allowable effluent concentration. EPA recommends that the rule be revised to require the use of a standard dilution series (one hundred percent (100%), fifty percent (50%), twenty-five percent (25%), etc.), except in special circumstances. The purpose of the WET test is to characterize toxicity through a standardized method of representative monitoring. Variable dilution series require special calculations on the part of the permit writer, a custom set of dilutions in the laboratory, and test specific statistical calculations. It would be best to use standardized, reproducible, approaches to create meaningful and comparable data sets.

For clarity's sake, EPA also suggested that a number of terms be specifically defined and provided example definitions based on federal guidance documents.

Lastly, AMCA commented about the opening sentence of subsection (9)(L) of the proposed rule, stating that it is not correct. Since it is not necessary for the rule AMCA recommends that it be removed.

RESPONSE AND EXPLANATION OF CHANGE: In response to REGFORM's suggestion, the requirement that WET testing be performed by properly trained individuals has been removed. Although the federal WET test reference method allows for both single and multiple dilution tests, the rule is not being modified to allow for single dilution WET testing. EPA no longer considers solely using single dilution WET tests as a sufficient implementation of the WET test permit requirement. More importantly, multiple dilution WET testing allows for a calculation of toxic units. Using the toxic unit approach, the department can make quantitative demonstrations that many or most discharges do not have reasonable potential to exceed limits. By making this demonstration the WET test requirement can be removed in future permits. Using the metric of percent efficient at the critical dilution will not allow the department to remove the WET test requirement in future permits. The department believes that this will provide a significant cost savings over time. In addition, when toxicity is identified, a single dilution test does not provide the permittee or the regulatory agency sufficient information about the problem which could delay remediation of the problem. The water quality standards rule (10 CSR 20-7.031) does provide specific numeric criteria for toxicity, but WET tests are needed to determine the toxicity of the whole effluent, not singular pollutants. The reference to multiple and single dilution in 10 CSR 20-7.031 applies in-stream to the attainment of the narrative toxicity criteria as it pertains to the fishable use designation. The requirements related to the effluent regulation are end of pipe requirements, so the WET tests serve to evaluate the whole effluent to assure that the narrative toxicity requirement is met. Therefore, the language concerning narrative criteria in paragraphs (9)(L)3. and 4. have been retained. In addition, no changes have been made as a result of REGFORM's comments concerning species selection. In most tests the *Pimephales promelas* (a fathead minnow) and *Ceriodaphnia dubia* (a water flea) are appropriate representative organisms, and they have been chosen as default organisms among other reasons for consistency sake. The proposed rule allows for alternative species when appropriate. In response to REGFORM's comments regarding the requirement to submit WET test lab reports, a minor language change was made in subparagraph (9)(L)4.D. The requirement to provide WET test lab reports has been retained. Review of WET test lab reports allows the agency to identify the use of inappropriate WET test methods. Some passing WET tests pass because of an inappropriate action, such as filtering or aeration, whereby the toxicity was eliminated before the test was completed. Revising the WET test forms is a task that will be completed upon revision of the rule. Moving to a toxic unit basis may streamline the reporting process. As suggested by REGFORM, the definition of "allowable effluent concentration" has been added to subsection (1)(A). Regarding the replacement rule language suggested by REGFORM, no changes have been incorporated; the proposed rule better serves the purpose of providing predictability and consistency. In response to EPA's comment regarding the use of the vague phrase "cold water sport fishery," language was modified in subparagraph (9)(L)4.B. to change the phrase to "cold-water fishery" to directly align with the provisions of 10 CSR 20-7.031 and the definition provided therein. Although rainbow trout sometimes live in cool water habitats, it is not the intent of the department to require WET tests using *Oncorhynchus mykiss* (rainbow trout) for discharges to water designated as cool-water fisheries. No changes were made to the rule as a result of EPA's suggestion that the rule specify a specific dilution series. The department applies a standard dilution series requirement in permits by the use of template language, and this has been demonstrated to be protective as well as practical. A

dilution series must bracket the expected concentration of effluent in the receiving stream after mixing considerations, and specifying a dilution series in the regulation removes the permit writer's flexibility to appropriately configure the dilution series. In response to AMCA's comment regarding the need for the opening sentence of subsection (9)(L), it has been removed. And lastly, in response to EPA's suggestion to add definitions, several of their suggested definitions have been added to subsection (9)(A). These include definitions for Acute Toxicity Test, Chronic Toxicity Test, Toxic Unit, Toxic Unit – Acute, and Toxic Unit – Chronic.

COMMENT #20: EPA provided comments regarding paragraph (9)(A)4. This paragraph provides for the development of effluent limits as prescribed under a TMDL. EPA notes that federal regulations at 40 CFR § 122.44(d)(1)(vii) require the permitting authority to ensure that (a) the level of water quality to be achieved by WQBELs is derived from, and complies with, all applicable water quality standards and (b) WQBELs developed to protect narrative water quality criterion, a numeric water quality criterion, or both, are "consistent with the assumptions and requirements of any available wasteload allocation for the discharge prepared by the state and approved by EPA pursuant to 40 CFR 130.7." The proposed language notes that TMDL limits may be based on technological feasibility and practicability or in accordance with a TMDL implementation plan if one (1) has been developed. Professional opinions and judgment related to technological feasibility and practicability cannot negate or override these federal regulatory requirements. Additionally, under 40 CFR §§ 130.7(c)(1) and (d)(1), EPA is obligated to review, and to approve or disapprove, TMDLs but not their associated implementation plans. TMDL implementation plans cannot serve as a basis for excluding wasteload allocations in National Pollutant Discharge Elimination System permits. EPA also commented that the first sentence in paragraph (9)(A)4. refers to "specific" pollutants whereas the applicable federal regulation addresses pollutants (40 CFR § 130.7(c)(1)(ii)), and asked that the word "specific" be removed. Mr. Brundage also commented regarding this section, sharing his support for the proposed language in paragraph (9)(A)4. As proposed the language would allow the consideration of appropriate schedules, the technological feasibility and practicality when establishing TMDL-based limits.

RESPONSE AND EXPLANATION OF CHANGE: As a result of these comments paragraph (9)(A)4. has been revised. Considerations of technological feasibility and practicality and the application of TMDL implementation plans all serve as implementation flexibilities afforded under federal regulation, but the final effluent limits themselves cannot be based on these flexibilities. The revised language reflects these flexibilities while requiring the final limits to directly reflect the TMDL. The rule has also been revised to reflect EPA's suggestion to remove the word "specific" in the first sentence of paragraph (9)(A)4.

COMMENT #21: Ms. Elke Boyd provided comments noting that several regulation references were not correct. These references were both internal to 10 CSR 20-7.015 and external to 10 CSR 20-7.031. RESPONSE AND EXPLANATION OF CHANGE: The references have all been reviewed and corrected.

COMMENT #22: EPA commented about subparagraph (9)(B)1.D. noting that the reference to the bacteria standard in the water quality standards rule (10 CSR 20-7.031) is incorrect. EPA also asks that the department provide a scientific rationale for the two-mile separation threshold applied in this subparagraph.

RESPONSE AND EXPLANATION OF CHANGE: The references have all been reviewed and corrected; please refer to the previous comment and response. No changes were made to the rule as a result of the comment concerning the two- (2-) mile separation threshold. The department has used a two- (2-) mile threshold for several years. This threshold serves to extend "swimmable" protection to waters

that are not designated for this protection, but are tributary to waters that have been so designated. It has been assumed that discharges located farther than two (2) miles upstream from a water designated for whole body contact will not generally impair the whole body contact use. This is because of the natural decay processes of those organisms and the expected mixing and dilution that occur. As a matter of practice, the two- (2-) mile separation threshold will apply to very few, if any, facilities upon adoption of the one to one hundred thousand (1:100,000) scale National Hydrography Dataset for classifying the "fishable/swimmable" waters of the State in the concurrent water quality standards rule amendment (10 CSR 20-7.031).

COMMENT #23: MPOA provided testimony regarding the "bypass" provisions. The fiscal note does not address the costs associated with bypassing. Even though the state is proposing to adopt the federal definition, there are significant costs associated with this action. MPOA estimates that the cost of removing outfall 002, as required in the previous rule revision, will be about \$700 million. This is significant for those fifty-five (55) cities that are directly affected. This figure doesn't account for the other eight hundred (800) cities that may be affected.

RESPONSE: The department acknowledges that many communities face significant financial burdens in complying with the federal bypass provisions. However, these costs must be born regardless of state regulations; the federal regulations apply regardless. One (1) of the goals of this rulemaking is to align Missouri clean water regulations with the federal regulations. By doing this Missouri facilities can comply with State rules at the same time as federal. No changes were made to the rule as a result of this comment.

COMMENT #24: AMCA noted that a sentence in paragraph (1)(A)4. was nonsensical and recommended that it be removed. This sentence adds nothing to the rule and is not legally required. It may conflict with the permit shield provisions of state law. This is a non-substantive change.

RESPONSE AND EXPLANATION OF CHANGE: This sentence no longer serves a purpose and has been removed.

10 CSR 20-7.015 Effluent Regulations.

(1) Designations of Waters of the State.

(A) Definitions.

1. Acute Toxicity Test—a test used to determine the concentration of an effluent that causes an adverse effect (usually death) in a group of test organisms during a short-term exposure.

2. Allowable Effluent Concentration—the concentration of a toxicant or the parameter toxicity in the receiving water after mixing, sometimes referred to as the receiving water concentration or the in-stream waste concentration.

3. Chronic Toxicity Test—A short-term test, usually ninety-six (96) hours or longer in duration, in which sub-lethal effects such as reduced growth or reproduction rates are measured in addition to lethality.

4. Representative sample—a small quantity whose characteristics represent the nature and volume of the whole. For permitting purposes representative sampling shall be consistent with 40 CFR Part 122.48.

5. Toxic Unit—a measure of effluent toxicity generally expressed as acute toxicity unit or chronic toxicity unit. The larger the toxicity unit, the greater the toxicity.

6. Toxic Unit–Acute—one-hundred (100) times the reciprocal of the effluent concentration that causes fifty percent (50%) of the organisms to die in an acute toxicity test.

7. Toxic Unit–Chronic—one-hundred (100) times the reciprocal of the highest effluent concentration that causes no observable effect on the test organism in a chronic toxicity test.

(B) For the purpose of this rule, the waters of the state are divided into the following categories:

1. The Missouri and Mississippi Rivers (section (2) of this rule);

2. Lakes and reservoirs, including natural lakes and any impoundments created by the construction of a dam across any waterway or watershed. An impoundment designed for or used as a disposal site for tailings or sediment from a mine or mill shall be considered a wastewater treatment device and not a lake or reservoir. Releases to lakes and reservoirs include discharges into streams one-half (1/2) stream mile (.80 km) before the stream enters the lake as measured to its conservation pool (section (3) of this rule);

3. A losing stream is a stream which distributes thirty percent (30%) or more of its flow through natural processes such as through permeable geologic materials into a bedrock aquifer within two (2) miles flow distance downstream of an existing or proposed discharge. Flow measurements to determine percentage of water loss must be corrected to approximate the seven (7)-day Q10 stream flow. If a stream bed or drainage way has an intermittent flow or a flow insufficient to measure in accordance with this rule, it may be determined to be a losing stream on the basis of channel development, valley configuration, vegetation development, dye tracing studies, bedrock characteristics, geographical data, and other geological factors. Only discharges which in the opinion of the Missouri Department of Natural Resources (department) reach the losing section and which occur within two (2) miles upstream of the losing section of the stream shall be considered releases to a losing stream. A list of known losing streams is available in the Water Quality Standards, 10 CSR 20-7.031 Table J—Losing Streams. Other streams may be determined to be losing by the department (section (4) of this rule);

4. Metropolitan no-discharge streams. These streams and the limitations on discharging to them are listed in Table F of 10 CSR 20-7.031 Water Quality Standards;

5. Special streams—Outstanding National Resource Waters and Outstanding State Resource Waters, as listed in Tables D and E of 10 CSR 20-7.031 (section (6) of this rule);

6. Subsurface waters in aquifers (section (7) of this rule); and

7. All other waters except as noted in paragraphs (1)(B)1.–6. of this rule (section (8) of this rule).

(C) Sections (2) through (8) of this rule establish requirements for discharges to the waters specified in these sections, and the requirements of section (9) of this rule apply to all discharges. The requirements of this rule do not apply to stormwater discharges; effluent limits for stormwater discharges are prescribed in 10 CSR 20-6.200 Storm Water Regulations.

(2) Effluent Limitations for the Missouri and Mississippi Rivers. In addition to the requirements of section (9) of this rule, the following limitations represent the maximum amount of pollutants which may be discharged from any point source, water contaminant source, or wastewater treatment facility.

(A) Discharges from wastewater treatment facilities which receive primarily domestic waste or from publicly-owned treatment works (POTWs) shall undergo treatment sufficient to conform to the following limitations:

1. Biochemical Oxygen Demand₅ (BOD₅) and Total Suspended Solids (TSS) equal to or less than a monthly average of thirty milligrams per liter (30 mg/L) and a weekly average of forty-five milligrams per liter (45 mg/L);

2. pH shall be maintained in the range from six to nine (6–9) standard units;

3. Exceptions to paragraphs (2)(A)1. and 2. of this rule are as follows:

A. If the facility is a wastewater lagoon, the TSS shall be equal to or less than a monthly average of eighty milligrams per liter (80 mg/L) and a weekly average of one hundred twenty milligrams per liter (120 mg/L) and the pH shall be maintained above six (6.0), and the BOD₅ shall be equal to or less than a monthly average of forty-five milligrams per liter (45 mg/L) and a weekly average of sixty-five milligrams per liter (65 mg/L);

B. If the facility is a trickling filter plant the BOD₅ and TSS shall be equal to or less than a monthly average of forty-five mil-

ligrams per liter (45 mg/L) and a weekly average of sixty-five milligrams per liter (65 mg/L);

C. Where the use of effluent limitations set forth in this section is known or expected to produce an effluent that will endanger or violate water quality, the department will set specific effluent limitations for individual dischargers to protect the water quality of the receiving streams. When a waste load allocation is conducted for a stream or stream segment, all permits for discharges in the study area shall be modified to reflect the limits established in the study in accordance with any applicable compliance schedule;

D. The department may require more stringent limitations than authorized in paragraphs (2)(A)1. and 2. and subparagraphs (2)(A)3.A., B., and C. of this rule under the following conditions:

(I) If the facility is an existing facility, the department may set the BOD₅ and TSS limits based upon an analysis of the past performance, rounded up to the next five milligrams per liter (5 mg/L) range; and

(II) If the facility is a new facility, the department may set the BOD₅ and TSS limits based upon the design capabilities of the plant considering geographical and climatic conditions;

(a) A design capability study has been conducted for new lagoon systems. The study reflects that the effluent limitations should be BOD₅ equal to or less than a monthly average of forty-five milligrams per liter (45 mg/L) and a weekly average of sixty-five milligrams per liter (65 mg/L) and TSS equal to or less than a monthly average of seventy milligrams per liter (70 mg/L) and a weekly average of one hundred ten milligrams per liter (110 mg/L).

(b) A design capability study has been conducted for new trickling filter systems and the study reflects that the effluent limitations should be BOD₅ and TSS equal to or less than a monthly average of forty milligrams per liter (40 mg/L) and a weekly average of sixty milligrams per liter (60 mg/L);

4. Sludges removed in the treatment process shall not be discharged. Sludges shall be routinely removed from the wastewater treatment facility and disposed of or used in accordance with a sludge management practice approved by the department; and

5. When the wastewater treatment process causes nitrification which affects the BOD₅ reading, the permittee can petition the department to substitute carbonaceous BOD₅ in lieu of regular BOD₅ testing. If the department concurs that nitrification is occurring, the department will set a carbonaceous BOD₅ at five milligrams per liter (5 mg/L) less than the regular BOD₅ in the operating permit.

(B) The suspended solids which are present in stream water and which are removed during treatment may be returned to the same body of water from which they were taken, along with any additional suspended solids resulting from the treatment of water to be used as public potable water or industrial purposes using essentially the same process as a public water treatment process. This includes the solids that are removed from potable waters that are withdrawn from wells located in the alluvial valley of the Missouri and Mississippi Rivers.

(C) Monitoring Requirements.

1. The department will develop a wastewater and sludge sampling program based on design flow that shall require, at a minimum, one (1) wastewater sample per year for each fifty thousand (50,000) gallons per day (gpd) of effluent, or fraction thereof, except that—

A. Point sources that discharge less than twenty-five thousand (25,000) gpd may only be required to submit an annual report;

B. The department may establish less frequent sampling requirements for point sources that produce an effluent that does not exhibit high variability and consistently complies with the applicable effluent limit; and

C. Sludge sampling will be established in the permit.

2. Sampling frequency shall be representative of the discharge during the period the sampling covers (daily, weekly, monthly, seasonally, etc.).

3. Sample types shall be as follows:

A. Samples collected from lagoons may be grab samples;

B. Samples collected from mechanical plants shall be twenty-four (24)-hour composite samples, unless otherwise specified in the operating permit; and

C. Sludge samples will be grab samples unless otherwise specified in the operating permit.

4. The monitoring frequency and sample types stated in subsection (2)(C) of this rule are minimum requirements. The permit writer shall establish monitoring frequencies and sampling types to fulfill the site-specific informational needs of the department.

(3) Effluent Limitations for the Lakes and Reservoirs.

(A) In addition to the requirements of section (9) of this rule, the following limitations represent the maximum amount of pollutants which may be discharged from any point source, water contaminant source, or wastewater treatment facility to a lake or reservoir designated in 10 CSR 20-7.031 as L2 and L3 which is publicly owned. Releases to lakes and reservoirs include discharges into streams one-half (1/2) stream mile (.80 km) before the stream enters the lake as measured to its conservation pool.

1. Discharges from wastewater treatment facilities which receive primarily domestic waste or from POTWs shall undergo treatment sufficient to conform to the following limitations:

A. BOD₅ and TSS equal to or less than a monthly average of twenty milligrams per liter (20 mg/L) and a weekly average of thirty milligrams per liter (30 mg/L);

B. pH shall be maintained in the range from six to nine (6-9) standard units;

C. Where the use of effluent limitations set forth in section (3) of this rule are reasonably expected to exceed applicable water quality standards, the department may either—conduct waste load allocation studies in order to arrive at a limitation which protects the water quality of the state or set specific effluent limitations for individual dischargers to protect the water quality of the receiving streams. When a waste load allocation study is conducted for a stream or stream segment, all permits for discharges in the study area shall be modified to reflect the limits established in the waste load allocation study in accordance with any applicable compliance schedule;

D. Sludges removed in the treatment process shall not be discharged. Sludges shall be routinely removed from the wastewater treatment facility and disposed of or used in accordance with a sludge management practice approved by the department; and

E. When the wastewater treatment process causes nitrification which affects the BOD₅ reading, the permittee can petition the department to substitute carbonaceous BOD₅ in lieu of regular BOD₅ testing. If the department concurs that nitrification is occurring, the department will set a carbonaceous BOD₅ at five milligrams per liter (5 mg/L) less than the regular BOD₅ in the operating permit.

(B) Monitoring Requirements.

1. The department will develop a wastewater and sludge sampling program based on design flow that will require, at a minimum, one (1) wastewater sample per year for each twenty-five thousand (25,000) gpd of effluent, or fraction thereof, except that—

A. Point sources that discharge less than five thousand (5,000) gpd may only be required to submit an annual report;

B. The department may establish less frequent sampling requirements for point sources that produce an effluent that does not exhibit high variability and consistently complies with the applicable effluent limit; and

C. Sludge sampling will be established in the permit.

2. Sampling frequency shall be representative of the discharge during the period the sampling covers (daily, weekly, monthly, seasonally, etc.).

3. Sample types shall be as follows:

A. Samples collected from lagoons may be grab samples;

B. Samples collected from mechanical plants shall be twenty-four (24)-hour composite samples, unless otherwise specified in the operating permit; and

C. Sludge samples shall be grab samples unless otherwise specified in the operating permit.

4. The monitoring frequency and sample types stated in paragraphs (3)(B)1. through 3. of this rule are minimum requirements. The permit writer shall establish monitoring frequencies and sampling types to fulfill the site-specific informational needs of the department.

(C) For lakes designated in 10 CSR 20-7.031 as L1, which are primarily used for public drinking water supplies, there will be no discharge into the watersheds above these lakes from domestic or industrial wastewater sources regulated by these rules. Discharges from potable water treatment plants, such as filter wash, may be permitted. Separate storm sewers will be permitted, but only for the transmission of storm water. Discharges permitted prior to the effective date of this requirement may continue to discharge so long as the discharge remains in compliance with its operating permit.

(D) For lakes designated in 10 CSR 20-7.031 as L3 which are not publicly owned, the discharge limitations shall be those contained in section (8) of this rule.

(E) In addition to other requirements in this section, discharges to Lake Taneycomo and its tributaries between Table Rock Dam and Power Site Dam (and excluding the discharges from the dams) shall not exceed five tenths milligrams per liter (0.5 mg/L) of phosphorus as a monthly average. Discharges meeting both the following conditions shall be exempt from this requirement:

1. Those permitted prior to May 9, 1994; and

2. Those with design flows of less than twenty-two thousand five hundred (22,500) gpd. All existing facilities whose capacity is increased would be subject to phosphorus limitations. The department may allow the construction and operation of interim facilities without phosphorus control provided their discharges are connected to regional treatment facilities with phosphorus control not later than three (3) years after authorization. Discharges in the White River basin and outside of the area designated above for phosphorus limitations shall be monitored for phosphorus discharges, and the frequency of monitoring shall be the same as that for BOD₅ and TSS, but not less than annually. The department may reduce the frequency of monitoring if the monitoring data is sufficient for water quality planning purposes.

(F) In addition to other requirements in this section, discharges to Table Rock Lake watershed, defined as hydrologic units numbered 11010001 and 11010002, shall not exceed five-tenths milligrams per liter (0.5 mg/L) of phosphorus as a monthly average except those existing discharges with design flows of less than twenty-two thousand five hundred (22,500) gpd permitted prior to November 30, 1999, unless the design flow is increased.

(4) Effluent Limitations for Losing Streams.

(A) Discharges to losing streams shall be permitted only after other alternatives including land application, discharge to a gaining stream, and connection to a regional wastewater treatment facility have been evaluated and determined to be unacceptable for environmental and/or economic reasons.

(B) In addition to the requirements of section (9) of this rule, each permit for a discharge from a wastewater treatment facility to a losing stream, shall be written using the limitations contained in subsections (4)(B) and (C) of this rule in accordance with any applicable compliance schedule. Discharges from private wastewater treatment facilities which receive primarily domestic waste, industrial sources that treat influents containing significant amounts of organic loading, or POTWs permitted under this section shall undergo treatment sufficient to conform to the following limitations:

1. BOD₅ equal to or less than a monthly average of ten milligrams per liter (10 mg/L) and a weekly average of fifteen milligrams per liter (15 mg/L);

2. TSS equal to or less than a monthly average of fifteen milligrams per liter (15 mg/L) and a weekly average of twenty milligrams per liter (20 mg/L);

3. pH shall be maintained in the range from six to nine (6–9) standard units;

4. All chlorinated effluent discharges to losing streams or within two (2) stream miles flow distance upstream of a losing stream shall also be dechlorinated prior to discharge;

5. Sludges removed in the treatment process shall not be discharged. Sludges shall be routinely removed from the wastewater treatment facility and disposed of or used in accordance with a sludge management practice approved by the department;

6. When the wastewater treatment process causes nitrification which affects the BOD₅ reading, the permittee can petition the department to substitute carbonaceous BOD₅ in lieu of regular BOD₅ testing. If the department concurs that nitrification is occurring, the department will set a carbonaceous BOD₅ at five milligrams per liter (5 mg/L) less than the regular BOD₅ in the operating permit; and

7. For situations in which nitrates in a discharge can be reasonably expected to impact specific drinking water wells, the concentration of nitrates in the discharge shall be limited to an average monthly limit of ten milligrams per liter (10 mg/L) as nitrogen and a maximum daily limit of twenty milligrams per liter (20 mg/L). Applicants may conduct a study in the same manner as the Missouri Risk-Based Corrective Action Technical Guidance published in 2006 to determine if nitrate limits are necessary to protect groundwater. In such cases, applicants shall submit a study plan for approval prior to the study, and submit all findings as part of their permit application.

(C) Monitoring Requirements.

1. The department will develop a wastewater and sludge sampling program based on design flow that shall require, at a minimum, one (1) wastewater sample per year for each twenty-five thousand (25,000) gpd of effluent, or fraction thereof, except that—

A. Point sources that discharge less than five thousand (5,000) gpd may only be required to submit an annual report;

B. The department may establish less frequent sampling requirements for point sources that produce an effluent that does not exhibit high variability and consistently complies with the applicable effluent limit; and

C. Sludge samples will be established in the permit.

2. Sampling frequency shall be representative of the discharge during the period the sampling covers (daily, weekly, monthly, seasonally, etc.).

3. Sample types shall be as follows:

A. Samples collected from lagoons and recirculating sand filters may be grab samples;

B. Samples collected from mechanical plants shall be twenty-four (24)-hour composite samples, unless otherwise specified in the operating permit; and

C. Sludge samples shall be a grab sample unless otherwise specified in the operating permit.

4. The monitoring frequency and sample types stated in paragraphs (4)(C)1. through 3. of this rule are minimum requirements. The permit writer shall establish monitoring frequencies and sampling types to fulfill the site-specific informational needs of the department.

(5) Effluent Limitations for Metropolitan No-Discharge Streams.

(A) Discharge to metropolitan no-discharge streams is prohibited, except as specifically permitted under the Water Quality Standards 10 CSR 20-7.031 and noncontaminated storm water flows.

(B) Monitoring Requirements.

1. The department will develop a wastewater and sludge sampling program based on design flow that shall require, at a minimum, one (1) wastewater sample per year for each twenty-five thousand (25,000) gpd of effluent, or fraction thereof, except that—

A. Point sources that discharge less than five thousand (5,000) gpd may only be required to submit an annual report;

B. Point sources that discharge more than one point three (1.3) mgd will be required, at a minimum, to collect fifty-two (52) wastewater samples per year. The department may establish less frequent sampling requirements for point sources that produce an effluent that does not exhibit high variability and consistently complies with the applicable effluent limit; and

C. Sludge sampling will be established in the permit.

2. Sampling frequency shall be representative of the discharge during the period the sampling covers (daily, weekly, monthly, seasonally, etc.).

3. Sample types shall be as follows:

A. Samples collected from lagoons may be grab samples;

B. Samples collected from mechanical plants shall be twenty-four (24)-hour composite samples, unless otherwise specified in the operating permit; and

C. Sludge samples shall be a grab sample unless otherwise specified in the operating permit.

4. The monitoring frequency and sample types stated in paragraphs (5)(B)1. through 3. of this rule are minimum requirements. The permit writer shall establish monitoring frequencies and sampling types to fulfill the site-specific informational needs of the department.

(6) Effluent Limitations for Special Streams.

(A) Limits for Outstanding National Resource Waters as listed in Table D of 10 CSR 20-7.031 and Drainages Thereto.

1. In addition to the requirements of section (9) of this rule, the following limitations represent the maximum amount of pollutants which may be discharged from any point source, water contaminant source, or wastewater treatment facility to waters included in this section.

2. Discharges from wastewater treatment facilities, which receive primarily domestic waste, or from POTWs are limited as follows:

A. New releases from any source are prohibited;

B. Discharges from sources that existed before June 29, 1974, or if additional stream segments are placed in this section, discharges that were permitted at the time of the designation will be allowed.

3. Industrial, agricultural, and other non-domestic contaminant sources, point sources, or wastewater treatment facilities which are not included under subparagraph (6)(A)2.B. of this rule shall not be allowed to discharge. Agrichemical facilities shall be designed and constructed so that all bulk liquid pesticide nonmobile storage containers and all bulk liquid fertilizer nonmobile storage containers are located within a secondary containment facility. Dry bulk pesticides and dry bulk fertilizers shall be stored in a building so that they are protected from the weather. The floors of the buildings shall be constructed of an approved design and material(s). At an agrichemical facility, all transferring, loading, unloading, mixing, and repackaging of bulk agrichemicals shall be conducted in an operational area. All precipitation collected in the operational containment area or secondary containment area as well as process generated wastewater shall be stored and disposed of in a no-discharge manner.

4. Monitoring requirements.

A. The department will develop a wastewater and sludge sampling program based on design flow that will require, at a minimum, one (1) wastewater sample per year for each twenty-five thousand (25,000) gpd of effluent, or fraction thereof, except that—

(I) Point sources that discharge less than five thousand (5,000) gpd may only be required to submit an annual report;

(II) Point sources that discharge more than one point three (1.3) mgd will be required at a minimum to collect fifty-two (52) wastewater samples per year. The department may establish less frequent sampling requirements for point sources that produce an effluent that does not exhibit high variability and consistently complies with the applicable effluent limit;

(III) Sludge sampling will be established in the permit.

B. Sampling frequency shall be representative of the discharge during the period the sampling covers (daily, weekly, monthly, seasonally, etc.).

C. Sample types shall be as follows:

(I) Samples collected from lagoons may be grab samples;

(II) Samples collected from mechanical plants shall be twenty-four (24)-hour composite samples, unless otherwise specified in the operating permit; and

(III) Sludge samples shall be a grab sample unless otherwise specified in the operating permit.

D. The monitoring frequency and sample types stated in subparagraphs (6)(A)4.A. through C. of this rule are minimum requirements. The permit writer shall establish monitoring frequencies and sampling types to fulfill the site-specific informational needs of the department.

(B) Limits for Outstanding State Resource Waters as listed in Table E of 10 CSR 20-7.031.

1. Discharges shall not cause the current water quality in the streams to be lowered.

2. Discharges will be permitted as long as the requirements of paragraph (6)(B)1. of this rule are met and the limitations in section (8) of this rule are not exceeded.

(7) Effluent Limitations for Subsurface Waters.

(A) No person shall release any water into aquifers, store or dispose of water in a way which causes or permits it to enter aquifers either directly or indirectly unless it meets the requirements of section (9) of this rule and it meets the appropriate groundwater protection criteria set in 10 CSR 20-7.031, Table A at a point ten feet (10') under the release point, or other compliance point based on site specific considerations, except as provided in subsections (7)(E) and (F) of this rule. The permit writer shall review the complete application and other data to determine which parameter to include in the permit.

(B) No wastewater shall be introduced into sinkholes, caves, fissures, or other openings in the ground which do or are reasonably certain to drain into aquifers except as provided in section (4) of this rule.

(C) All abandoned wells and test holes shall be properly plugged or sealed to prevent pollution of subsurface waters, as per the requirements of the department.

(D) Where any wastewater treatment facility or any water contaminant source or point source incorporates the use of land treatment systems which allows or can reasonably be expected to allow wastewater effluents to reach the aquifer. Compliance with subsection (7)(A) of this rule shall be determined by a site-specific monitoring plan.

(E) The effluent limitations specified in subsection (7)(A) of this rule shall not apply to facilities designed and constructed to meet department design criteria provided these designs have been reviewed and approved by the department. The department has the right to require monitoring, reporting, public notice, and other information as deemed appropriate. This exemption may be revoked by the department should any monitoring indicate an adverse effect on a beneficial water use or if the numeric criteria in the Water Quality Standards are being exceeded.

(F) Any person not included in subsection (7)(E) of this rule who releases, stores, or disposes of water in a manner which results in releases of water to an aquifer having concentrations in excess of one (1) or more parameter limitations provided in subsection (7)(A) of this rule may be allowed to resample for purposes of verification of the excess. At their discretion, persons may demonstrate, at the direction of the department, that the impact on the water quality in the aquifer is negligible on the beneficial uses. The demonstration shall consider, at a minimum, the following factors:

1. Site geology;
2. Site geohydrology;

3. Existing and potential water uses;

4. Existing surface water and groundwater quality;

5. Characteristics of wastes or wastewater contained in facilities; and

6. Other items as may be required by the department to assess the proposal.

A. Demonstrations conducted under 10 CSR 25-18.010 shall be reviewed by the department in accordance with such rules. If the demonstrations show that the impact on groundwater quality will not result in an unreasonable risk to human health or the environment, alternate effluent limitations will be established by the department.

B. All other demonstrations shall be reviewed by the department. If the demonstrations show that the impact on groundwater quality will not result in an unreasonable risk to human health or the environment, alternate effluent limitation(s) will be proposed by the department and presented to the Clean Water Commission for approval. The Clean Water Commission has the right to require monitoring, reporting, public notice, and other information as deemed appropriate in the approval of the alternate limitation for one (1) or more parameters from subsection (7)(A) of this rule. The Clean Water Commission may hold a public hearing to secure public comment prior to final action on an alternate limitation.

C. No alternate limitations will be granted which would impair beneficial uses of the aquifer or threaten human health or the environment.

D. Alternate limitations may be revoked by the department should any monitoring indicate an adverse effect on a beneficial water use or violations of the alternate limitation.

(8) Effluent Limitations for All Waters, Except Those in Paragraphs (1)(B)1.-6. of This Rule. In addition to the requirements of section (9) of this rule, the following limitations represent the maximum amount of pollutants which may be discharged from any point source, water contaminant source, or wastewater treatment facility.

(A) Discharges from wastewater treatment facilities which receive primarily domestic waste or POTWs shall undergo treatment sufficient to conform to the following limitations:

1. BOD₅ and TSS equal to or less than a monthly average of thirty milligrams per liter (30 mg/L) and a weekly average of forty-five milligrams per liter (45 mg/L);

2. pH shall be maintained in the range from six to nine (6-9) standard units;

3. The limitations of paragraphs (8)(A)1. and 2. of this rule will be effective unless an alternate limitation will not cause violations of the Water Quality Standards or impairment of the uses in the standards. When an Antidegradation Review has been completed for new or expanded discharges, the following alternate limitation may also be allowed:

A. If the facility is a wastewater lagoon, the TSS shall be equal to or less than a monthly average of eighty milligrams per liter (80 mg/L) and a weekly average of one hundred twenty milligrams per liter (120 mg/L) and the pH shall be maintained above six (6.0) and the BOD₅ shall be equal to or less than a monthly average of forty-five milligrams per liter (45 mg/L) and a weekly average of sixty-five milligrams per liter (65 mg/L);

B. If the facility is a trickling filter plant, the BOD₅ and TSS shall be equal to or less than a monthly average of forty-five milligrams per liter (45 mg/L) and a weekly average of sixty-five milligrams per liter (65 mg/L);

C. Where the use of effluent limitations set forth in section (8) of this rule is known or expected to produce an effluent that will endanger water quality, the department will set specific effluent limitations for individual dischargers to protect the water quality of the receiving streams. When a waste load allocation study is conducted for a stream or stream segment, all permits for discharges in the study area shall be modified to reflect the limits established in the waste load allocation study in accordance with any applicable compliance schedule; and

D. The department may require more stringent limitations than authorized in paragraphs (8)(A)1. and 2. and subparagraphs (8)(A)3.A., B., and C. of this rule under the following conditions:

(I) If the facility is an existing facility, the department may set the BOD₅ and TSS limits based upon an analysis of the past performance, rounded up to the next five milligrams per liter (5 mg/L) range; and

(II) If the facility is a new facility the department may set the BOD₅ and TSS limits based upon the design capabilities of the plant considering geographical and climatic conditions:

(a) A design capability study has been conducted for new lagoon systems. The study reflects that the effluent limitations should be BOD₅ equal to or less than a monthly average of forty-five milligrams per liter (45 mg/L) and a weekly average of sixty-five milligrams per liter (65 mg/L) and TSS equal to or less than a monthly average of seventy milligrams per liter (70 mg/L) and a weekly average of one hundred ten milligrams per liter (110 mg/L); or

(b) A design capability study has been conducted for new trickling filter systems and the study reflects that the effluent limitations should be BOD₅ and TSS equal to or less than a monthly average of forty milligrams per liter (40 mg/L) and a weekly average of sixty milligrams per liter (60 mg/L);

4. Sludges removed in the treatment process shall not be discharged. Sludges shall be routinely removed from the wastewater treatment facility and disposed of or used in accordance with a sludge management practice approved by the department; and

5. When the wastewater treatment process causes nitrification which affects the BOD₅ reading, the permittee can petition the department to substitute carbonaceous BOD₅ in lieu of regular BOD₅ testing. If the department concurs that nitrification is occurring, the department will set a carbonaceous BOD₅ at five milligrams per liter (5 mg/L) less than the regular BOD₅ in the operating permit.

(B) Monitoring Requirements.

1. The department will develop a wastewater and sludge sampling program based on design flow that will require, at a minimum, one (1) wastewater sample per year for each fifty thousand (50,000) gpd of effluent, or fraction thereof, except that—

A. Point sources that discharge less than twenty-five thousand (25,000) gpd may only be required to submit an annual report;

B. The department may establish less frequent sampling requirements for point sources that produce an effluent that does not exhibit high variability and consistently complies with the applicable effluent limit; and

C. Sludge sampling will be established in the permit.

2. Sampling frequency shall be representative of the discharge during the period the sampling covers (daily, weekly, monthly, seasonally, etc.).

3. Sample types shall be as follows:

A. Samples collected from lagoons may be grab samples;

B. Samples collected from mechanical plants shall be twenty-four (24)-hour composite samples, unless otherwise specified in the operating permit; and

C. Sludge samples shall be a grab sample unless otherwise specified in the operating permit.

4. The monitoring frequency and sample types stated in paragraphs (8)(B)1. through 3. of this rule are minimum requirements. The permit writer shall establish monitoring frequencies and sampling types to fulfill the site-specific informational needs of the department.

(9) General Conditions.

(A) Establishing Effluent Limitations. Unless a formal variance from water quality standards have been approved by the Clean Water Commission and the U.S. Environmental Protection Agency, operating permits as required under 10 CSR 20-6.010(5) shall include, if applicable, the most protective limits set forth as follows:

1. Technology-based effluent limits and standards based on specific requirements under sections (2) through (8) of this rule;

2. Water quality-based effluent limits based on a waste load allocation in accordance with federal regulations (40 CFR 122.44(d)(1)), which would address pollutants that have a reasonable potential to cause or contribute to an excursion above Water Quality Standards established in 10 CSR 20-7.031.

A. Local effluent and receiving water data may be used to develop site specific effluent limits provided the department determines that this data is representative and 10 CSR 7.031 provides for their development;

B. Water quality-based effluent limitations incorporating mixing zones and zones of initial dilution as provided for in 10 CSR 20-7.031(5)(A)4.B. may be based on stream flows other than critical low-flow conditions, if the following conditions are met:

(I) The limits are protective of critical low-flow conditions, as well as higher flow conditions; and

(II) The permit shall require in-stream flow measurements and methods to determine compliance;

3. Effluent limit guidelines or standards that have been federally promulgated under Sections 301, 304, 306, 307, 318, and 405 of the Clean Water Act and case-by-case determinations of technology-based effluent limitations under section 402(a)(1) of the Clean Water Act;

4. Effluent limits prescribed for pollutants under a TMDL, as required under Section 303(d)(1)(C) of the Clean Water Act, necessary to achieve water quality standards, including permit limits in lieu of a TMDL. TMDL waste load allocations shall be placed in permits at renewal, and in subsequent renewals as needed. Permits may include schedules of compliance and, if developed, follow TMDL implementation plans or other flexibilities so long as they are allowed by federal regulation. The department may reopen existing permits to implement TMDL requirements;

5. Effluent limits that are developed through the antidegradation review process, provided there is reasonable potential to exceed these limits;

6. Effluent limits prescribed for stormwater discharges as required under 10 CSR 20-6.200 Storm Water Regulations; and

7. Effluent Limits that are required as a result of legal agreements between dischargers and the department or the Clean Water Commission, or as otherwise required or allowed by law.

(B) Bacteria and Statewide Nutrient Limits. Operating Permits as required under 10 CSR 20-6.010(5) shall include, if applicable, the following bacteria and nutrient limits:

1. Bacteria. The following water quality *Escherichia coli* (*E. coli*) discharge limits apply:

A. Discharges to stream segments designated in Table H of 10 CSR 20-7.031 for whole body contact recreation and secondary contact recreation shall not exceed the water quality *E. coli* counts established in subsection (5)(C) of 10 CSR 20-7.031;

B. Discharges to lakes designated as whole body contact recreational or secondary contact recreational in Table G of 10 CSR 20-7.031 shall not exceed the water quality *E. coli* counts established in subsection (5)(C) of 10 CSR 20-7.031;

C. Discharges to privately-owned lakes classified as L3, as defined in subsection (1)(F) of 10 CSR 20-7.031, that are designated as whole body contact recreational or secondary contact recreational in Table G of 10 CSR 20-7.031 shall not exceed the water quality *E. coli* counts established in subsection (5)(C) of 10 CSR 20-7.031. Discharges include releases into streams one-half (1/2) stream mile (.80 km) before the stream enters the lake as measured to its conservation pool;

D. Discharges located within two (2) miles upstream of stream segments or lakes designated for whole body contact recreational or secondary contact recreational in Tables H and G of 10 CSR 20-7.031 shall not exceed the water quality *E. coli* counts established in subsection (5)(C) of 10 CSR 20-7.031 for the receiving stream segment or lake designated for those uses;

E. Short-term *E. coli* limits. During the recreation season, discharges to waters designated for whole body contact "A" as defined in part (1)(C)2.A.(I) of 10 CSR 20-7.031 shall be limited to six hundred thirty (630) colony forming units per one hundred (100) milliliters (ml) expressed as a weekly geometric mean for POTWs and as a daily maximum for non-POTWs. During the recreation season, discharges to waters designated for whole body contact "B" as defined in part (1)(C)2.A.(II) of 10 CSR 20-7.031 shall be limited to one thousand thirty (1,030) colony forming units per one hundred (100) ml expressed as a weekly geometric mean for POTWs and as a daily maximum for non-POTWs. During the recreation season, discharges to waters designated for secondary contact recreational as defined in paragraph (1)(C)9. of 10 CSR 20-7.031 shall be limited to one thousand one hundred thirty-four (1,134) colony forming units per one hundred (100) ml expressed as a weekly geometric mean for POTWs and as a daily maximum for non-POTWs. For the entire calendar year, discharges to waters that are defined by paragraph (1)(B)3. of this rule as losing streams shall be limited to one hundred twenty-six (126) colony forming units per one hundred (100) ml expressed as a daily maximum;

F. As an alternative to the limits prescribed in subparagraphs (9)(B)1.A. through E. of this rule, the department may allow permit applicants to conduct a study to develop *E. coli* limits that reflect pathogen decay. Prior to conducting this study applicants shall submit a quality assurance project plan for approval prior to the study, and submit all findings as part of their permit application; and

G. Notwithstanding the bacteria limits prescribed in paragraphs (9)(1)A. through F. of this rule, discharges to losing streams shall be considered in compliance so long as no more than ten (10) percent of samples exceed one hundred twenty-six (126) colony forming units per one hundred (100) ml daily maximum;

2. Nutrients. Reserved for Statewide Nutrient Effluent Limits.

(C) Schedules of Compliance.

1. Compliance with new or revised National Pollutant Discharge Elimination System (NPDES) or Missouri operating permit limitations shall be achieved and in accordance with the federal regulation 40 CFR Part 122.47, "Schedules of Compliance," May 15, 2000, as published by the Office of the Federal Register, National Archives and Records Administration, Superintendent of Documents, Pittsburgh, PA 15250-7954, which is hereby incorporated by reference and does not include later amendments or additions.

2. If any permit allows a time for achieving final compliance from the date of permit issuance, the schedule of compliance in the permit shall set forth interim requirements and the dates for their achievement. The time between interim dates shall not exceed one (1) year, except that in the case of a schedule for compliance with standards for sewage sludge use and disposal, the time between interim dates shall not exceed six (6) months.

3. Within fourteen (14) days following each interim date and the final date of compliance, the permittee shall provide the department with written notice of the permittee's compliance or noncompliance with the interim or final requirement for the dates.

4. A compliance schedule may be modified if the department determines good cause exists such as an act of God, strike, flood, or materials shortage or other events over which the permittee has little or no control and for which there is no reasonable remedy. Applicants may request a modification by providing appropriate justification. In no case shall the compliance schedule be modified to extend beyond an applicable statutory deadline.

(D) Monitoring, Analysis, and Reporting.

1. All construction and operating permit holders shall submit reports at intervals established by the permit or at any other reasonable intervals required by the department. The monitoring and analytical schedule shall be as established by the department in the operating permit.

2. The analytical and sampling methods used must conform to the following reference methods unless alternates are approved by the department:

A. *Standard Methods for the Examination of Waters and Wastewaters* (14, 15, 16, 17, 18, 19, 20, and 21st Edition), published by the Water Environment Federation, 601 Wythe Street, Alexandria, VA 22314;

B. *Water Testing Standards, Vol. 11.01 and 11.02*, published by American Society for Testing and Materials, West Conshohocken, PA 19428;

C. *Methods for Chemical Analysis of Water and Wastes* (EPA-600/4-79-020), published by the Environmental Protection Agency, Water Quality Office, Analytical Quality Control Laboratory, 1014 Broadway, Cincinnati, OH 54202; and

D. *NPDES Compliance Sampling Inspection Manual*, (EPA-305-X-04-001), published by Environmental Protection Agency, Office of Enforcement and Compliance Assurance 1200 Pennsylvania Avenue, N.W., Washington, DC 20460 (July 2004).

3. Sampling and analysis by the department to determine violations of this regulation will be conducted in accordance with the methods listed in paragraph (9)(D)2. of this rule or any other approved by the department. Violations may be also determined by review of the permittee's self-monitoring reports. Analysis conducted by the permittee or his/her laboratory shall be conducted in such a way that the precision and accuracy of the analyzed results can be determined.

4. If, for any reason, the permittee does not comply with or will be unable to comply with any discharge limitations or standards specified in the permit, the permittee shall provide the department with the following information, with the next discharge monitoring report as required under subsection (9)(D) of this rule:

A. A description of the discharge and cause of noncompliance;

B. The period of noncompliance, including exact dates and times and/or the anticipated time when the discharge will return to compliance; and

C. The steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

5. In the case of any discharge subject to any applicable toxic pollutant effluent standard under Section 307(a) of the federal Clean Water Act, the information required by paragraph (9)(D)4. of this rule regarding a violation of this standard shall be provided within twenty-four (24) hours from the time the owner or operator of the water contaminant source, point source, or wastewater treatment facility becomes aware of the violation or potential violation. This information may be provided via an electronic web-based system developed by the department, provided it is available. If this information is provided orally, a written submission covering these points shall be provided within five (5) working days of the time the owner or operator of the water contaminant source, point source, or wastewater treatment facility becomes aware of the violation.

6. Bacteria Monitoring for Disinfection.

A. For systems that have a design capacity of greater than one hundred thousand (100,000) gpd, a minimum of one (1) sample shall be collected for *E. coli* analysis each calendar week during the recreational season from April 1 through October 31. Compliance with the *E. coli* water quality standard established in subsection (5)(C) of 10 CSR 20-7.031 shall be determined each calendar month by calculating the geometric mean of all of the samples collected each calendar month. Compliance with the short-term *E. coli* limits established in subparagraph (9)(B)1.E. of this rule shall also be determined.

B. For systems that discharge to stream segments that are defined by paragraph (1)(B)3. as losing streams and have a design capacity of greater than one hundred thousand (100,000) gpd, a minimum of one (1) sample shall be collected for *E. coli* analysis each calendar week all year. Compliance with the *E. coli* water quality standard established in subsection (5)(C) of 10 CSR 20-7.031 and with the short term *E. coli* limits established in subparagraph (9)(B)1.E. of this rule shall also be determined.

C. For systems that have a design capacity of one hundred thousand (100,000) gpd or less, the sampling frequency for *E. coli* analysis shall be in accordance with the wastewater and sludge sampling program based on the design flow which is dependent upon the receiving water category as listed in subsection (1)(B) of this rule. Compliance with the *E. coli* water quality standard established in subsection (5)(C) of 10 CSR 20-7.031 shall be determined each calendar month by calculating the geometric mean of all of the samples collected each calendar month. Compliance with the short-term *E. coli* limits established in subparagraph (9)(B)1.E. of this rule shall also be determined.

7. Statewide Monitoring for Nutrients. Point sources that have the design capacity of greater than one hundred thousand (100,000) gpd that typically discharge nitrogen and phosphorus shall collect and analyze a minimum of one (1) effluent sample each calendar quarter for one (1) permit cycle or up to (5) five years if the first permit term is less than five (5) years. The samples shall be analyzed for total nitrogen and total phosphorus using EPA approved test methods. This provision shall not limit the department from imposing ongoing or more frequent monitoring in permits that impose effluent limits for total nitrogen or total phosphorus or in situations in which monitoring is appropriate to ensure compliance with water quality standards. The quarterly monitoring frequency for total phosphorus does not apply to dischargers that are subject to the specific lake limits and monitoring requirement specified under subsections (3)(E) and (F) of this rule.

(E) Dilution Water. Dilution of treated wastewater with cooling water or other less contaminated water to lower the effluent concentration to limits required by an effluent regulation of the Clean Water Law shall not be an acceptable means of treatment.

(F) Compliance with New Source Performance Standards.

1. Except as provided in paragraph (9)(F)2. of this rule, any new water contaminant source, point source, or wastewater treatment facility on which construction commenced after October 18, 1972, or any new source, which meets the applicable promulgated new source performance standards before the commencement of discharge, shall not be subject to any more stringent new source performance standards or to any more stringent technology-based standards under subsection 301(b)(2) of the federal Clean Water Act for the shortest of the following periods:

A. Ten (10) years from the date that construction is completed;

B. Ten (10) years from the date the source begins to discharge process or other nonconstruction related wastewater; or

C. The period of depreciation or amortization of the facility for the purposes of section 167 or 169 (or both) of the *Internal Revenue Code* of 1954.

2. The protection from more stringent standards of performance afforded by paragraph (9)(F)1. of this rule does not apply to—

A. Additional or more stringent permit conditions which are not technology based, for example, conditions based on water quality standards or effluent standards or prohibitions under Section 307(a) of the federal Clean Water Act; and

B. Additional permit conditions controlling pollutants listed as toxic under Section 307(a) of the federal Clean Water Act or as hazardous substances under Section 311 of the federal Clean Water Act and which are not controlled by new source performance standards. This exclusion includes permit conditions controlling pollutants other than those identified as hazardous where control of those other pollutants has been specifically identified as the method to control the hazardous pollutant.

(G) Bypass. Bypass means the intentional diversion of waste streams from any portion of a treatment facility, except in the case of blending. Severe property damage means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural

resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production. Blending is the practice of diverting wet-weather flows around any treatment unit and recombining those flows within the treatment facility, while providing primary and secondary or biological treatment up to the available capacity, consistent with all applicable effluent limits and conditions.

1. Bypass not exceeding limitations. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of paragraphs (9)(G)3. and 4. of this rule.

2. Notice.

A. Anticipated bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the department, if possible at least ten (10) days before the date of the bypass.

B. Unanticipated bypass. The permittee shall notify the department by telephone within twenty-four (24) hours and follow with a written report within five (5) days from the time the permittee becomes aware of the circumstances of all bypasses or shutdowns that result in a violation of permit limits or conditions and which may endanger human health or the environment. The twenty-four (24)-hour and five (5) day reports may be provided via an electronic web-based system developed by the department, provided it is available, or by facsimile machine. POTWs that bypass during storm water inflow and infiltration events need only report on their discharge monitoring reports so long as the bypass does not result in violations of permit limits or conditions or endanger human health or the environment.

3. Prohibition of bypass. Bypass is prohibited, and the department may take enforcement action against a permittee for bypass, unless:

A. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;

B. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and

C. The permittee submitted notices as required under paragraph (9)(G)2. of this rule.

4. The department may approve an anticipated bypass, after considering its adverse effects, if the department determines that it will meet the three (3) conditions listed in paragraph (9)(G)3. of this rule.

(H) Sludge facilities shall meet the applicable control technology for sewage sludge treatment, use, and disposal as published by the EPA in 40 CFR 503 and applicable state standards and limitations published in 10 CSR 20 and 10 CSR 80. Where there are no standards available or applicable, or when more stringent standards are appropriate to protect human health and the environment, the department shall set specific limitations in permits on a case-by-case basis using best professional judgment.

(I) Industrial, agricultural, and other nondomestic water contaminant sources, point sources, or wastewater treatment facilities which are not included under subsections (2)(B) or (8)(B) of this rule—

1. These facilities shall meet the applicable control technology currently effective as published by the EPA in 40 CFR 405-471. Where there are no standards available or applicable, the department shall set specific parameter limitations using best professional judgment. The pH shall be maintained in the range from six to nine (6-9) standard units, except that discharges of uncontaminated cooling water and water treatment plant effluent may exceed nine (9) standard units, but may not exceed ten and one-half (10.5) standard units, if it

can be demonstrated that the pH will not exceed nine (9) standard units beyond the regulatory mixing zone; and

2. Agrichemical facilities shall be designed and constructed so that all bulk liquid pesticide nonmobile storage containers and all bulk liquid fertilizer nonmobile storage containers are located within a secondary containment facility. Dry bulk pesticides and dry bulk fertilizers shall be stored in a building so that they are protected from the weather. The floors of the buildings shall be constructed of an approved design and material(s). At an agrichemical facility, the following procedures shall be conducted in an operational area: all transferring, loading, unloading, mixing, and repackaging of bulk agrichemicals. All precipitation collected in the operational containment area or secondary containment area as well as process generated wastewater shall be stored and disposed of in a no-discharge manner or treated to meet the applicable control technology referenced in paragraph (9)(I)1. of this rule.

(J) Implementation Schedule for Protection of Whole Body Contact and Secondary Contact Recreation.

1. For discharges to water bodies designated for whole body contact and secondary contact recreational use prior to July 1, 2012, in 10 CSR 20-7.031, permits shall insure compliance with effluent limits to protect whole body contact and secondary contact recreation by no later than December 31, 2013, unless the permittee presents an evaluation sufficient to show that disinfection is not required to protect one (1) or both designated recreational uses, or a UAA demonstrates that one (1) or both designated recreational uses are not attainable in the classified waters receiving the effluent.

2. For discharges to water bodies designated for whole body contact and secondary contact recreational use after June 30, 2012, in 10 CSR 20-7.031, permits shall include schedules of compliance to meet bacteria limits in accordance with subsection (9)(C) of this rule.

(K) Temporary Suspension of Accountability for Bacteria Standards during Wet Weather. The accountability for bacteria standards may be temporarily suspended for specific discharges when conditions contained in paragraphs (9)(K)1. through 3. of this rule are met.

1. No existing recreational uses downstream of the discharge will be impacted during the period of suspension as confirmed through a water quality review for reasonable potential for downstream impacts and a UAA performed in accordance with the *Missouri Recreational Use Attainability Analysis Protocol* approved by the Missouri Clean Water Commission.

2. The period of suspension must be restricted to the defined wet weather event that corresponds to the period when recreational uses are unattainable. The period must be determinable at any time by the discharger and the general public (such as from stream depth or flow readings or other stream conditions on which publicly accessible records are kept).

3. The suspension shall be subject to public review and comment, Missouri Clean Water Commission approval, and EPA approval before becoming effective and shall be contained as a condition in a discharge permit or other written document developed through public participation.

(L) Whole Effluent Toxicity (WET) Test. The following are permit requirements for acute and chronic WET tests:

1. WET tests are required under 10 CSR 20-6.010(8)(A)4. and are to be conducted according to the methods prescribed in 40 CFR 136.3;

2. Test Types.

A. Acute WET tests shall be a multiple dilution series, static, non-renewal test to determine the degree at which acute forty-eight to ninety-six hour (48-96 hour) exposure to the effluent is acutely toxic to aquatic life expressed in species survival.

B. Chronic WET test shall be a multiple dilution series, static, renewal test to determine the degree at which chronic (sub lethal)

exposure to the effluent is toxic to aquatic life or affects an alternative endpoint such as species reproduction and/or growth. Duration of chronic WET tests shall be established according to 40 CFR 136.3 Identification of test procedures, promulgated as of July 1, 2011, is hereby incorporated by reference in this rule, as published by the Office of the Federal Register, U.S. National Archives and Records, 700 Pennsylvania Avenue NW, Washington, DC 20408. This rule does not incorporate any subsequent amendments or additions;

3. Applicability. WET test type and frequency shall be determined and expressed in permits by the department. At permit issuance or reissuance, the department will use valid and representative data to establish on a case-by-case basis, whether an existing discharge causes, has the reasonable potential to cause, or contributes to an excursion from the narrative water quality criteria. Where the department concludes that a discharge has the reasonable potential to contribute to an excursion from the narrative water quality criteria, as established in 10 CSR 20-7.031 the permit will include WET limits. If the department determines the facility has no reasonable potential to violate water quality standards, WET testing may be removed, or if more information is required, WET testing may be retained at a reduced frequency. WET test applicability for NPDES permits shall be fully addressed in the permit factsheet; and

4. Specifications.

A. A dilution series shall be established in the permit for WET test. The dilution series shall be a set of proportional effluent dilutions based on an Allowable Effluent Concentration (AEC).

B. All WET tests shall be performed with *Pimephales promelas* (a fathead minnow) and *Ceriodaphnia dubia* (a water flea), except facilities which discharge to receiving streams designated as cold-water fisheries. Facilities which discharge to receiving streams designated as cold-water fisheries may be required to perform WET tests using *Oncorhynchus mykiss* (rainbow trout) instead of the fathead minnow. Other test species for which test methods are provided in 40 CFR 136.3 may be approved by the department on a case-by-case basis provided the species are appropriately sensitive and representative. Alternative species (not included in 40 CFR 136.3) shall be approved in accordance with the procedures in 40 CFR 136.4. Application for alternate test procedures, promulgated as of July 1, 2011, is hereby incorporated by reference in this rule, as published by the Office of the Federal Register, U.S. National Archives and Records, 700 Pennsylvania Avenue NW, Washington, DC 20408. This rule does not incorporate any subsequent amendments or additions.

C. A Toxic Unit (TU) water quality based limit shall be established in the permit for WET test where the department concludes that a discharge has the reasonable potential to cause or contribute to an excursion from the narrative water quality criteria as established in 10 CSR 20-7.031(4)(D). The TU limit shall be determined in accordance with 40 CFR 122.44(d)(1)(v) and utilizing the methods established in Technical Support Document For Water Quality-based Toxics Control (March 1991, EPA, EPA/505/2-90-001) and documented in the factsheet. Exceedance of a TU limit shall be a WET test failure.

D. Upon completion of a WET test the lab report and department form as referenced in the permit shall be submitted by the permittee to the department within the timeframe established by the permit.

(10) Control of Combined Sewer Overflows (CSOs). The permitting and control of CSOs shall conform to EPA's CSO Control Policy, EPA Number 830/B-94-001 (published by EPA April 19, 1994, at 59 Fed. Reg. 18688) as referenced by Section 402 (q) of the Clean Water Act, 33 USC 1342(q). The CSO Control Policy is hereby incorporated by reference, without any later amendments or additions. This document is available by writing to U.S. Environmental Protection Agency, Office of Water Resource Center, Mail Code RC-4100T,

1200 Pennsylvania Avenue NW, Washington, DC 20460 or upon request from the Department of Natural Resources, Water Protection Program, Water Pollution Control Branch, PO Box 176, Jefferson City, MO 65102-0176. Effluent monitoring commitments for CSOs shall be addressed in the long term control plans required under EPA's CSO Control Policy.

REVISED PUBLIC COST: The costs presented in the proposal have not changed; minor wording changes, however, have been made to the fiscal notes as a result of comments.

FISCAL NOTE

PUBLIC COST

I. RULE NUMBER

| | |
|------------------------------|---|
| <i>Rule Number and Name:</i> | 10 CSR 20-7.015 <i>Effluent Regulations</i> |
| <i>Type of Rulemaking:</i> | Proposed Amendment |

II. SUMMARY OF FISCAL IMPACT

| Affected Agency or Political Subdivision | Estimated Cost of Compliance in the Aggregate* |
|---|---|
| Publicly Owned Treatment Works (POTWs) Nutrient Monitoring required for one permit term (municipalities, sewer districts, and other public utilities) | \$891,400 |
| Publicly Owned Treatment Works (POTW) Whole Effluent Toxicity (WET) Testing (large & medium size municipalities, sewer districts, and other public utilities) | \$876,200 |
| Publicly Owned Treatment Works (POTW) Nitrate Monitoring | (\$79,500) |
| TOTAL | \$1,688,100 *Cost of Compliance in the Aggregate |

*Aggregate costs of compliance is calculated by summing the annual costs in the worksheet tables in IIR from 2013 through 2018 for POTW, nutrient, wet test and nitrates

*3% inflation

III. Worksheet

In summary, the revisions to 10 CSR 20-7.015 *Effluent Regulations* will:

1. Update bacteria limits and monitoring requirements;
2. Revise language regarding "bypasses" to align with federal definition;
3. Require quarterly effluent monitoring of nutrient concentrations at large wastewater treatment facilities;
4. Provide clarification regarding whole effluent toxicity testing requirements;
5. Allow for electronic reporting via web-based systems (once available);
6. Include provisions for developing effluent limits with regard to several situations such as discharges to impaired waters, tiered limits which allow higher discharge concentrations during higher stream flow rates, and the use of local stream data to adjust effluent limits;
7. Reduce monitoring frequency for facilities that consistently comply with effluent limits;
8. Eliminate schedule to comply with phosphorus effluent limits for discharges to Table Rock Lake and Lake Tanycomo because the dates have already passed;

9. Require limits for the discharge of nitrates that may impact specific drinking water wells;
10. Specify that operating permits may include schedules of compliance in accordance with federal regulations;
11. Revert to pH effluent limits that were in a previous version of the regulation;
12. Allow alternate compliance points for discharges to subsurface waters; and
13. Reorganize and clarify several elements of the rule.

| Summary of Costs | | | | | | |
|--|---|----------------------|----------------------|----------------------|----------------------|----------------------|
| Nutrient Monitoring | FY2013* | FY2014* | FY2015* | FY2016* | FY2017* | FY2018* |
| | \$23,000 | \$71,100 | \$122,000 | \$175,900 | \$232,900 | \$266,500 |
| FY2013 through FY2018 | Nutrient Monitoring, multi-year aggregate total = \$891,400 | | | | | |
| 402 Publicly-Owned Treatment Works (POTWs) will collect and analyze 4 samples each year to analyze for total nitrogen and phosphorus at a total cost of \$143 per sample = \$229,944. Operating permits are issued with 5-year terms, and the new monitoring requirements will only be incorporated into permits as they are renewed. Nutrient monitoring will only be required for one permit term, and will be discontinued in future operating permits. During the first full year it is assumed that one-fifth of the POTWs will have permits up for renewal. Only one-half of the first year falls within FY2013. Each year the analytical costs are estimated to increase by 3% for inflation. | | | | | | |
| Therefore the FY2013 costs are estimated as: $\$229,944 * (1/5) * (1/2) = \$23,000$ (Results rounded to \$100) | | | | | | |
| For FY2014, an additional one-fifth of the POTWs will have monitoring incorporated into their operating permit: $[(\$23,000)*(1.03) + (402)*(4)*(1/5) * (\$143)*(1.03)] = \$71,100$ | | | | | | |
| For FY2015, an additional one-fifth of the POTWs will have monitoring incorporated into their permit: $[(\$71,100)*(1.03) + ((402)*(4)*(1/5) * (\$143)*(1.03)^2)] = \$122,000$ | | | | | | |
| For FY2016, an additional one-fifth of the POTWs will have monitoring incorporated into their permit: $[(\$122,000)*(1.03)) + ((402)*(4)*(1/5) * (\$143) * (1.03)^3)] = \$175,900$ | | | | | | |
| For FY2017, an additional one-fifth of the POTWs will have monitoring incorporated into their permit: $[(\$175,900)*(1.03)) + ((402)*(4)*(1/5) * (\$143)*(1.03)^4)] = \$232,900$ | | | | | | |
| For FY2018, the remaining POTWs will have monitoring incorporated into their permit: $[(\$232,900)*(1.03) + ((402)*(4)*(1/5) * (1/2) * (\$143)*(1.03)^5)] = \$266,500$ | | | | | | |
| Whole Effluent Toxicity (WET) Tests | FY2013 | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 |
| | \$135,500 | \$139,500 | \$143,700 | \$148,000 | \$152,500 | \$157,000 |
| FY2013 through FY2018 | Whole Effluent Toxicity, multi-year aggregate total = \$876,200 | | | | | |
| 142 large POTWs (annual test) and 580 medium-sized POTWs (one test every five years) will conduct WET tests at \$500 per test. Five percent additional testing is assumed because of additional tests required for facilities that have industrial customers. $[(142) + (20%)*(580)]*(1.05) * (\$500) = \$135,500$ per year. Each year the analytical costs are estimated to increase by 3% for inflation. | | | | | | |
| Reduced Nitrate Monitoring | FY2013 (\$12,300) | FY2014 (\$12,700) | FY2015 (\$13,000) | FY2016 (\$13,400) | FY2017 (\$13,800) | FY2018 (\$14,300) |

| FY2013 through FY2018 | Reduced Nitrate Monitoring, multi-year aggregate = (\$79,500) | | | | | |
|--|---|------------------|------------------|------------------|------------------|------------------|
| 82 facilities are currently required to monitor for nitrates. It is assumed that monitoring at half of these facilities will no longer be required. Monthly monitoring is assumed at a cost of \$25 per analysis. Each year the analytical costs are estimated to increase by 3% for inflation. $(82) * (1/2) * (12) * (25) = \$12,300$ savings per year. | | | | | | |
| Upgrades for disinfection and ammonia treatment: please see Additional Considerations #1 below and, Water Quality Standards, 10 CSR 20-7.031, fiscal notes | FY2013 | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 |
| | — | — | — | — | — | — |
| Subtotal aggregates** | \$146,200 | \$197,900 | \$252,700 | \$310,500 | \$371,600 | \$409,200 |
| Multi-Year Aggregate Total = \$1,688,100 | | | | | | |

**Rounded to the nearest hundred

Additional Considerations

1. Update bacteria limits and monitoring requirements

In a concurrent rulemaking (10 CSR 20-7.031), many new waters are being designated for whole body contact. Prior to this proposed amendment, facilities that discharge to waters that are currently designated for whole body contact (A) & (B) and secondary contact recreational are required to disinfect and to meet long-term seasonal bacteria limits. In addition, facilities that discharge to losing streams are required to disinfect and meet daily limits.

Subparagraph (9)(B)1.E. establishes short-term bacteria limits; weekly average limits for Publicly-Owned Treatment Works (POTWs) and maximum daily limits for private facilities. Short-term limits are a federal requirement. The performance goal for effluent disinfection systems is complete kill or inactivity. These systems are constructed based on the peak flow of each facility, so the Department would not expect there to be costs associated with meeting short-term bacteria limits during typical operations for facilities that are already required to disinfect.

It is important to note that the bacteria limits for losing streams is being amended to state that discharges to losing streams shall be considered in compliance so long as no more than ten (10) percent of samples exceed one-hundred twenty-six (126) colony forming units per one hundred (100) ml daily maximum. This should eliminate some costs associated with continuous compliance. Even with this change the Department does expect a few of these facilities to have occasional difficulties meeting the short-term limits that may require some action. Typically these problems will arise during extreme wet weather events or during times in which a particular treatment plant experiences an upset. In some cases these problems may be addressed by improved operations. But some facilities may choose to modify their chlorination systems, add ultraviolet treatment capacity, or perhaps even build or expand basins to provide additional flow equalization. To accurately reflect any one facility's costs, an industrial engineering evaluation with

detailed estimates of several work packages, combined with the work of price analysts and cost accountants, including prescriptions to address the treatment and collection system of each facility are needed.

A major element of the concurrent rulemaking for 10 CSR 20-7.031, Water Quality Standards, is the designation of more waters as fishable and swimmable. The range of costs associated with the designation of these waters is developed in the concurrent rulemaking. The associated costs to designate these waters greatly surpasses the relatively minor costs associated with implementing short-term limits. For additional information regarding assumptions and calculations please refer to the concurrent rulemaking published June 17, 2013. In many cases associated costs have already been incurred with respect to capital costs, operations and maintenance and the upgrading of facilities to meet both ammonia and bacteria limits at appropriate locations, adding disinfection and/or, replacement or upgrade of treatment plants to meet ammonia limits. Please refer to the public fiscal note associated with the concurrent revision to 10 CSR 20-7.031.

2. Revise language regarding “bypasses” to align with federal definition

The existing rule language regarding bypasses is imprecise and includes incidents in which wastewater does not receive full treatment at the wastewater treatment plant, either because sanitary sewers overflow or because water is routed around treatment units in the wastewater treatment plant. The industry commonly refers to water that escapes sanitary sewers as Sanitary Sewer Overflows (SSOs), and in practice, these should not be referred to as “bypasses.”

The current amendment to 10 CSR 20-7.015 will serve to change the definition of bypass to align it with the federal definition. This will standardize and correct commonly used terminology, and it is intended to reduce confusion by aligning state requirements with federal. Utilizing the federal language will allow dischargers to concern themselves with meeting the existing federal requirements and eliminate concerns about how state rules may differ.

Because the rule essentially adopts existing federal requirements, there are no additional fiscal impacts to consider. Until recently, some stakeholders shared the opinion that the U.S. Environmental Protection Agency (EPA) had changed their interpretation regarding “bypassing,” and so the choice to align Missouri’s rule with the federal rule would result in implementation costs related to those changed interpretations. In particular, EPA had determined by policy that blending was considered bypassing. Blending is generally a diversion of peak wet-weather flows around biological treatment units and combining effluent from all processes prior to discharge from a permitted outfall. The discharge must still meet effluent limits. However, on March 25, 2013, the U.S. Eight Circuit Court of Appeals invalidated EPA’s policy regarding blending (*Iowa League of Cities vs. Environmental Protection Agency*). The Court found that these EPA policies were functionally binding, and as such, they were subject to the notice and comment requirements, and since EPA did not engage in notice and comment procedures prior to issuing these policies, the court vacated them.

In summary, the amendment substantially adopts the federal definition of bypass and therefore there are no cost considerations.

3. Require quarterly effluent monitoring of nutrient concentrations at large wastewater treatment facilities

One online survey of the costs for analyzing a wastewater sample for total nitrogen ranged from \$42 to \$85 and total phosphorus ranged from \$21 to \$58. The higher costs estimates (\$85 plus \$58 = \$143 per sample) are used. According to the Missouri Clean Water Information System (MoCWIS), there are approximately 402 POTWs that have a design of 100,000 gallons per day or greater. The rule will require quarterly sampling.

However, this requirement will be implemented through operating permits. Operating permit terms are five years. Nutrient monitoring will only be required for one permit term, once the facility completes the required monitoring.

4. Provide clarification regarding whole effluent toxicity testing requirements

Whole effluent toxicity (WET) testing requirements have been included in operating permits for several years; so many POTWs have already been incurring these costs. For the purposes of this fiscal note, however, the figures presented will estimate the total cost of WET testing. The current permitting approach is to require annual WET tests for all facilities that have a design flow of one million gallons per day or more (large POTWs). For facilities that have design flows less than 22,500 gallons per day, WET testing is generally not required. For medium-sized facilities (design greater than 22,500 gallons per day and less than one million gallons per day) the general permitting policy is to require one WET test per permit cycle, which is typically once every five years.

In addition to these general flow guidelines, WET tests may be required for small POTWs in which the department has toxicity concerns. An example might be a very small community that has an industrial source that discharges to the plant. Toxicity concerns from industrial sources may also indicate the need for more frequent WET testing.

According to the Missouri Clean Water Information System (MoCWIS), there are approximately 142 POTWs that have a design flow of one million gallons per day and there are 580 medium sized POTWs. For the purposes of this fiscal note it is assumed that the "one test per permit cycle" WET tests are distributed so that twenty percent of the facilities are incurring the testing expense each year because of the five-year permit cycle. In addition, the estimate for the total number of tests has been increased by five percent to account for the additional tests that may be required to address concerns that industrial sources may be contributing to toxicity.

A survey of several WET test providers in Missouri indicates that the cost of a WET test ranges from \$300 to \$600. For the purpose of this fiscal note the cost was assumed to be \$500.

$[(142 \text{ large POTWs}) + (20\%)(580 \text{ medium POTWs})](1.05) * (\$500) = \$135,500 \text{ in FY 2013}$

It is expected that the testing may indicate toxicity problems at a few facilities. It is not possible to know how many facilities will discover toxicity, nor is it possible to estimate the costs associated with a toxicity identification evaluation and subsequent toxicity reduction evaluation. Although expected to be relatively rare, there is the possibility that the failure of a series of WET tests may lead to the need for a facility to develop a toxicity reduction strategy. This fiscal note does not attempt to estimate these costs.

Lastly, the number of WET tests is expected to begin to diminish in the future. The overwhelming majority of facilities are expected to show that their effluent is not causing toxicity. With enough data it can be

shown that there is no reasonable potential to expect effluent toxicity, and in those cases operating permits can include less frequent WET testing requirements.

5. Allow for electronic reporting via web-based systems (once available)

The existing regulation requires 24-hour reporting by phone followed by a five-day written report for all bypasses. POTWs are also expected to report Sanitary Sewer Overflows in a similar manner, and the standard conditions document that accompanies all operating permits is being revised to reflect this. The Department has developed an electronic reporting system, which is in the process of being improved and refined. The regulation is being amended to allow the reporting to be done electronically. This is expected to be more convenient and direct, and may save expense for some entities that report.

6. Include provisions for developing effluent limits with regard to several situations such as discharges to impaired waters, tiered limits which allow higher discharge concentrations during higher stream flow rates, and the use of local stream data to adjust effluent limits

These provisions are expected to marginally reduce costs to POTWs. The current rule requires operating permits to be modified when a TMDL is finalized; the amendment allows these changes to be done during permit renewal so long as an urgent remedy is not necessary. Flow tiered limits will allow the Department to issue operating permits that have higher effluent limits during times when there is higher flows in the stream available for mixing. The use of local stream data, such as in-stream hardness for the development of less stringent site specific metals effluent limits likely cost less to meet while still protecting the stream's uses. Again, all of these provisions tend to allow for less stringent limits, and therefore are expected to result in a minor reduction in costs to POTWs.

7. Reduce monitoring frequency for facilities that consistently comply with effluent limits

Subparagraphs (2)(C)1.B., (3)(B)1.B., (4)(C)1.B., and (8)(B)1.B. allow operating permits to be written with reduced monitoring frequency of certain pollutants for facilities that have demonstrated their ability to routinely meet permit limits. It is impossible to predict how many facilities will have monitoring results that will lead to a conclusion that less monitoring is necessary, but this should certainly result in a cost savings for dozens of facilities.

8. Eliminate schedule to comply with phosphorus effluent limits for discharges to Table Rock Lake and Lake Tanycomo because the dates have already passed

This amendment to Subsection (3)(F) will eliminate schedules that have already passed. The schedules involved complying with phosphorus limits in the effected watersheds. There are no costs or cost savings associated with this change.

9. Require limits for the discharge of nitrates that may impact specific drinking water wells

For some time some operating permit writers have been including nitrate limits at the end of pipe in all operating permits that discharge to losing streams and in cases of subsurface wastewater disposal. The purpose of these limits is to protect aquifers for use as a source of drinking water. The approach of requiring nitrate limits in all settings is not prudent because in most cases it is very unlikely that drinking water wells will be affected at a level worthy of concern. The prudent approach is for operating permit writers to include a nitrate limits only in settings in which a concern exists regarding a particular well. The

decision will be based on the size of the discharge, its proximity to the drinking water wells, and a concern that the geological conditions may allow the discharge to affect the quality of the well water.

According to the Missouri Clean Water Information System (MoCWIS), there are approximately 82 POTWs that are currently required to monitor for nitrates. Without evaluating each situation, for the purposes of this fiscal note, it is assumed that half of these facilities will not have to continue monitoring for nitrates because of this rule change. An online survey of the costs for analyzing a wastewater sample for nitrates ranged from \$24 to \$30. For the purposes of this fiscal note the analysis cost is assumed to be \$25 and the monitoring frequency is monthly.

$(82)(1/2)(\$25)(12) = \$12,300$ in savings in FY2013

10. Specify that operating permits may include schedules of compliance in accordance with federal regulations

Existing language in Section (10) of 10 CSR 20-7.031 *Water Quality Standards* references the federal regulation regarding schedule of compliance (40 CFR 122.47). This amendment will relocate the schedule of compliance language from the Water Quality Standards rule into this rule. There are no fiscal ramifications from moving the location of this provision.

11. Revert to pH effluent limits that were in a previous version of the regulation

During the previous revision to the Effluent Regulation the pH range was revised from (6 to 9) to (6.5 to 9.0). This change was made as a result of a response to a comment from the U.S. Environmental Protection Agency. The purpose of this change was to align the Effluent Regulation with the Water Quality Standards rule. However, the Regulatory Impact Report (RIR) for this previous rulemaking did not address the costs associated with this change because the change was made subsequent to the RIR process during the response to comments phase of the rulemaking. In addition, the fiscal note did not address the costs.

Department is proposing to revise the pH portions of the rule to read as it did prior to the last revision, meaning the rule will require effluent to have a pH range of 6 to 9. The Department does not expect there to be any fiscal impact to returning to the previous pH range.

12. Allow alternate compliance points for discharges to subsurface waters

The existing rule requires facilities that have subsurface discharges to meet their effluent limits at a point ten feet below the surface. The purpose of specifying the "ten foot" compliance point was to allow compliance to be determined at some point below the surface but prior to typical entry into the aquifer. The proposed amendment will allow alternative compliance depths provided it is appropriate for the setting. Although not common, it is expected that a few facilities may see a marginal savings because they may not have to treat wastewater to quite as low a concentration prior to release. Because the savings are expected to be quite marginal and relatively rare, for the purposes of this fiscal note this change is assumed to have no fiscal impact.

13. Reorganize and clarify several elements of the rule

Rule reorganization and clarification is not expected to result in any fiscal impacts.

IV. ASSUMPTIONS

The duration of the proposed rule is indefinite. There is no sunset clause. Costs imposed by the proposed rule for each monitoring and wet tests are shown on an annual basis. The total estimated cost of compliance in the aggregate for all publicly owned treatment works, POTWs, is \$1,688,100 through FY2018.

The proposed amendment will cost public entities in the aggregate \$146,200 in fiscal year 2013, \$197,900 in fiscal year 2014, \$252,700 in fiscal year 2015, \$310,500 in fiscal year 2016, \$371,600 in fiscal year 2017, and \$409,200 in fiscal year 2018. The costs associated with nutrient monitoring for nitrogen and phosphorus are expected to decrease after 2018 as facilities will have completed their monitoring obligation within their specific permit terms. The costs associated with whole effluent toxicity testing, or WET Tests, after 2018, while expected to continue, will be significantly reduced in future years as most facilities will demonstrate that their effluent is not toxic and monitoring can be reduced or eliminated. The savings for nitrate are a result of reduced monitoring frequency and, are expected to continue into future years.

Total cost aggregate savings for nitrate monitoring will result in annual savings \$14,300 in FY2018 due to reduced monitoring and, beyond with on-going compliance.

It has been assumed that these changes will not require a staffing increase for the State.

FISCAL NOTE

PRIVATE COST

I. RULE NUMBER

| | |
|----------------------|--------------------------------------|
| Rule Number and Name | 10 CSR 20-7.015 Effluent Regulations |
| Type of Rulemaking | Proposed Rule Amendment |

II. SUMMARY OF FISCAL IMPACT

| | | |
|--|--|--|
| Estimate of the number of entities by class which would likely be affected by the adoption of the proposed rule: | Classification by types of the business entities which would likely be affected: | Estimate in the aggregate as to the cost of compliance with the rule by the affected entities: |
| Approximately 300 facilities | Private domestic and industrial wastewater treatment facilities | \$102,600 |

| Affected Agency or Political Subdivision | Estimated Cost of Compliance in the Aggregate* |
|--|---|
| Private wastewater treatment facilities, Nutrient Monitoring required for one permit term | \$115,600 |
| Private wastewater treatment facilities, Whole Effluent Toxicity (WET) Testing (large & medium facilities) | \$212,000 |
| Private wastewater treatment facilities, Nitrate Monitoring | (\$225,000) |
| TOTAL | \$102,600 *Cost of Compliance in the Aggregate |

* Aggregate cost of compliance is calculated by summing the annual costs in the worksheet tables from 2013 through 2018 for private domestic and industrial wastewater treatment facilities

* 3% inflation

III. WORKSHEET

In summary, the revisions to 10 CSR 20-7.015 *Effluent Regulations* will:

1. Update bacteria limits and monitoring requirements;

- | Summary of Costs | | | | | | |
|------------------------------|--|---------|----------|----------|----------|----------|
| Nutrient Monitoring | FY2013 | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 |
| | \$3,000 | \$9,200 | \$15,800 | \$22,800 | \$30,200 | \$34,600 |
| FY2013 through FY2018 | Nutrient Monitoring, multi-year aggregate total = \$115,600 | | | | | |
- 52 private facilities will collect and analyze 4 samples each year to analyze for total nitrogen and phosphorus at a total cost of \$143 per sample = \$29,744. Operating permits are issued with 5-year terms, and the new monitoring requirements will only be incorporated into permits as they are renewed. Nutrient monitoring will only be required for one permit term, and will be discontinued in future operating permits. During the first full year it is assumed that one-fifth of the facilities will have permits up for renewal. Only one-half of the first year season falls within **FY2013**. Each year the analytical costs are estimated to increase by 3% for inflation.
- Therefore the **FY2013** costs are estimated as:
 $\$29,744 * (1/5) * (1/2) = \$3,000$ (Results rounded to nearest \$100)
- For **FY2014**, an additional one-fifth of the facilities will have monitoring incorporated into their operating permit:
 $\$3,000 * (1.03) + (52) * (4) * (1/5) * (\$143) * (1.03)^1 = \$9,200$
- For **FY2015**, an additional one-fifth of the facilities will have monitoring incorporated into their permit:
 $\$9,200 * (1.03) + (52) * (4) * (1/5) * (\$143) * (1.03)^2 = \$15,800$
- For **FY2016**, an additional one-fifth of the facilities will have monitoring incorporated into their permit:
 $\$15,800 * (1.03) + (52) * (4) * (1/5) * (\$143) * (1.03)^3 = \$22,800$
- For **FY2017**, an additional one-fifth of the facilities will have monitoring incorporated into their permit:
 $\$22,800 * (1.03) + (52) * (4) * (1/5) * (\$143) * (1.03)^4 = \$30,200$
- For **FY2018**, the remaining facilities will have monitoring incorporated into their permit:
 $\$30,200 * (1.03) + (52) * (4) * (1/5) * (1/2) * (\$143) * (1.03)^5 = \$34,600$

| | | | | | | |
|--|--|------------|------------|------------|------------|------------|
| Whole Effluent Toxicity (WET) Tests | FY2013 | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 |
| | \$32,800 | \$33,700 | \$34,800 | \$35,800 | \$36,900 | \$38,000 |
| FY2013 through FY2018 | Whole Effluent Toxicity, multi-year aggregate total = \$212,000 | | | | | |
| 5 large private facilities (annual test) and 287 medium private facilities (one test every five years) will conduct WET tests at \$500 per test. Five percent additional testing is assumed because of potential industrial concerns at facilities that have industrial or commercial customers. [(5) + (20%)*(287)]*(1.05) *(\$500) = \$32,800 per year. Each year the analytical costs are estimated to increase by 3% for inflation. | | | | | | |
| Reduced Nitrate Monitoring | FY2013 | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 |
| | (\$34,800) | (\$35,800) | (\$36,900) | (\$38,000) | (\$39,200) | (\$40,300) |
| FY2013 through FY2018 | Reduced Nitrate Monitoring, multi-year aggregate total = (\$225,000) | | | | | |
| 232 private facilities are currently required to monitor for nitrates. It is assumed that monitoring at half of these facilities will no longer be required. Monthly monitoring is assumed at a cost of \$25 per analysis. Each year the analytical costs are estimated to increase by 3% for inflation. (232) * (1/2) * (12) * (25) = \$34,800 savings per year. | | | | | | |
| Upgrades for disinfection and ammonia treatment: please see Additional Considerations # 1 and Water Quality Standards, 10 CSR 20-7.031, fiscal notes | FY2013 | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 |
| | — | — | — | — | — | — |
| Subtotal aggregates** | \$1,000 | \$7,100 | \$13,700 | \$20,600 | \$27,900 | \$32,300 |
| Multi-Year Aggregate Total = \$102,600 | | | | | | |

**Rounded to the nearest hundred

Additional Considerations

1. Update for bacteria limits and monitoring requirements

In a concurrent rulemaking (10 CSR 20-7.031), many new waters are being designated for whole body contact. Prior to this proposed amendment, facilities that discharge to waters that are currently designated for whole body contact (A) & (B) and secondary contact recreational are required to disinfect and to meet long-term seasonal bacteria limits. In addition, facilities that discharge to losing streams are required to disinfect and meet daily limits.

Subparagraph (9)(B)1.E. establishes short-term bacteria limits; weekly average limits for Publicly-Owned Treatment Works (POTWs) and maximum daily limits for private facilities. Short-term limits are a federal requirement. The performance goal for effluent disinfection systems is complete kill or inactivity. These systems are constructed based on the peak flow of each facility, so the Department would not expect there to be costs associated with meeting short-term bacteria limits during typical operations for facilities that are already required to disinfect.

It is important to note that the bacteria limits for losing streams is being amended to state that discharges to losing streams shall be considered in compliance so long as no more than ten (10) percent of samples exceed one-hundred twenty-six (126) colony forming units per one hundred (100) ml daily maximum. This should eliminate some costs associated with continuous compliance. Even with this change the Department does expect a few of these facilities to have occasional difficulties meeting the short-term limits that may require some action. Typically these problems will arise during extreme wet weather events or during times in which a particular treatment plant experiences an upset. In some cases these problems may be addressed by improved operations. But some facilities may choose to modify their chlorination systems, add ultraviolet treatment capacity, or perhaps even build or expand basins to provide additional flow equalization. To accurately reflect any one facility's costs, an industrial engineering evaluation with detailed estimates of several work packages, combined with the work of price analysts and cost accountants, including prescriptions to address the treatment and collection system of each facility are needed.

A major element of the concurrent rulemaking for 10 CSR 20-7.031, Water Quality Standards, is the designation of considerably more waters as fishable and swimmable. The range of costs associated with the designation of these waters was developed in this concurrent rulemaking. Associated costs to designate these waters greatly surpasses the relatively minor costs associated with implementing short-term limits. For additional information regarding assumptions and the calculations please refer to the concurrent rulemaking published June 17, 2013. In many cases associated costs have already been incurred with respect to capital costs, operations and maintenance, upgrading facilities to meet both ammonia and bacteria limits at appropriate locations, adding disinfection and/or, replacement or upgrade of treatment plants to meet ammonia limits. Please refer to the fiscal note associated with the concurrent revision to 10 CSR 20-7.031.

2. Revise language regarding "bypasses" to align with federal definition

The existing rule language regarding bypasses is imprecise and includes incidents in which wastewater does not receive full treatment at the wastewater treatment plant, either because sanitary sewers overflow or because water is routed around treatment units in the wastewater treatment plant. The industry commonly refers to water that escapes sanitary sewers as Sanitary Sewer Overflows (SSOs), and in practice these should not be referred to as "bypasses."

The amendment will serve to change the definition of bypass to align it with the federal definition. This will standardize and correct commonly used terminology, and it is intended to reduce confusion by aligning state requirements with federal. Utilizing the federal language will allow dischargers to concern themselves with meeting the existing federal requirements and eliminate concerns about how state rules may differ.

Because the rule essentially adopts existing federal requirements, there are no additional fiscal impacts to consider. Until recently, some stakeholders shared the opinion that the U.S. Environmental Protection Agency (EPA) had changed their interpretation regarding "bypassing," and so the choice to align

Missouri's rule with the federal rule would result in implementation costs related to those changed interpretations. In particular, EPA had determined by policy that blending was considered bypassing. Blending is generally a diversion of peak wet-weather flows around biological treatment units and combining effluent from all processes prior to discharge from a permitted outfall. The discharge must still meet effluent limits. However, on March 25, 2013, the U.S. Eight Circuit Court of Appeals invalidated EPA's policy regarding blending (*Iowa League of Cities vs. Environmental Protection Agency*). The Court found that these EPA policies were functionally binding, and as such, they were subject to the notice and comment requirements, and since EPA did not engage in notice and comment procedures prior to issuing these policies, the court vacated them.

In summary, the amendment substantially adopts the federal definition of bypass and therefore there are no cost considerations.

3. Require quarterly effluent monitoring of nutrient concentrations at large wastewater treatment facilities

An online survey of costs for analyzing a wastewater sample for total nitrogen ranged from \$42 to \$85 and total phosphorus ranged from \$21 to \$58. The higher costs estimates (\$85 plus \$58 = \$143 per sample) are used. According to the *Missouri Clean Water Information System (MoCWIS)*, there are approximately 52 private wastewater treatment facilities that have a design of 100,000 gallons per day or greater. The rule will require quarterly sampling.

However, this requirement will be implemented through operating permits. Operating permit terms are five years. Please see the summary table for information on fiscal impact for future years. Nutrient monitoring are one-time costs required in the permit's term.

4. Provide clarification regarding whole effluent toxicity testing requirements

Whole effluent toxicity (WET) testing requirements have been included in operating permits for several years, so many private wastewater treatment facilities have already been incurring these costs. For the purposes of this fiscal note, however, the figures presented will estimate the total cost of WET testing. The current permitting approach is to require annual WET tests for all facilities that have a design flow of one million gallons per day or more (large facilities). For facilities that have design flows less than 22,500 gallons per day, WET testing is generally not required. For medium-sized facilities (design greater than 22,500 gallons per day and less than one million gallons per day) the general permitting policy is to require one WET test per permit cycle, which is typically once every five years.

In addition to these general flow guidelines, WET tests may be required for small private facilities in which the department has toxicity concerns. An example might be a very small community that has an industrial source that discharges to the plant. Toxicity concerns from industrial sources may also indicate the need for more frequent WET testing.

According to the *Missouri Clean Water Information System (MoCWIS)*, there are approximately 5 private wastewater treatment facilities that have a design flow of one million gallons per day and there are 287 medium sized private facilities. For the purposes of this fiscal note it is assumed that the "one test per permit cycle" WET tests are distributed so that twenty percent of the facilities are incurring the testing expense each year because of the five-year permit cycle. In addition, the estimate for the total number of tests has been increased by five percent to account for the additional tests that may be required to address concerns that industrial sources may be contributing to toxicity.

A survey of several WET test providers in Missouri indicates that the cost of a WET test ranges from \$300 to \$600. For the purpose of this fiscal note the cost was assumed to be \$500.

$[(5 \text{ large POTWs}) + (20\%)(287 \text{ medium POTWs})](1.05) (\$500) = \$32,800 \text{ per year in FY2013}$

It is expected that the testing may indicate toxicity problems at a few facilities. It is not possible to know how many facilities will discover toxicity, nor is it possible to estimate the costs associated with a toxicity identification evaluation and subsequent toxicity reduction evaluation. Although expected to be relatively rare, there is the possibility that the failure of a series of WET tests may lead to the need for a facility to develop a toxicity reduction strategy. This fiscal note does not attempt to estimate these costs.

Lastly, the number of WET tests is expected to begin to diminish in the future. The overwhelming majority of facilities are expected to show that their effluent is not causing toxicity. With enough data it can be shown that there is no reasonable potential to expect effluent toxicity, and in those cases operating permits can include less frequent WET testing requirements.

5. Allow for electronic reporting via web-based systems (once available)

The existing regulation requires 24-hour reporting by phone followed by a five-day written report for all bypasses. Private wastewater systems are also expected to report Sanitary Sewer Overflows in a similar manner, and the standard conditions document that accompanies all operating permits is being revised to reflect this. The Department has developed an electronic reporting system, which is in the process of being improved and refined. The regulation is being amended to allow the reporting to be done electronically. This is expected to be more convenient and direct, and may save expense for some entities that report.

6. Include provisions for developing effluent limits with regard to several situations such as discharges to impaired waters, tiered limits which allow higher discharge concentrations during higher stream flow rates, and the use of local stream data to adjust effluent limits

These provisions are expected to marginally reduce costs to private wastewater treatment facilities. The current rule requires operating permits to be modified when a TMDL is finalized; the amendment allows these changes to be done during permit renewal so long as an urgent remedy is not necessary. Flow tiered limits will allow the Department to issue operating permits that have higher effluent limits during times when there is higher flows in the stream available for mixing. The use of local stream data, such as in-stream hardness for the development of less stringent site specific metals effluent limits likely cost less to meet while still protecting the stream's uses. Again, all of these provisions tend to allow for less stringent limits, and therefore are expected to result in a minor reduction in costs to private facilities.

7. Reduce monitoring frequency for facilities that consistently comply with effluent limits

Subparagraphs (2)(C)1.B., (3)(B)1.B., (4)(C)1.B., and (8)(B)1.B. allow operating permits to be written with reduced monitoring frequency of certain pollutants for facilities that have demonstrated their ability to routinely meet permit limits. It is impossible to predict how many facilities will have monitoring results that will lead to a conclusion that less monitoring is necessary, but this should certainly result in a cost savings for dozens of facilities.

8. Eliminate schedule to comply with phosphorus effluent limits for discharges to Table Rock Lake and Lake Tanycomo because the dates have already passed

This amendment to Subsection (3)(F) will eliminate schedules that have already passed. The schedules involved complying with phosphorus limits in the effected watersheds. There are no costs or cost savings associated with this change.

9. Require limits for the discharge of nitrates that may impact specific drinking water wells

For some time some operating permit writers have been including nitrate limits at the end of pipe in all operating permits that discharge to losing streams and in cases of subsurface wastewater disposal. The purpose of these limits is to protect aquifers for use as a source of drinking water. The approach of requiring nitrate limits in all settings is not prudent because in most cases it is very unlikely that drinking water wells will be affected at a level worthy of concern. The prudent approach is for operating permit writers to include a nitrate limits only in settings in which a concern exists regarding a particular well. The decision will be based on the size of the discharge, its proximity to the drinking water wells, and a concern that the geological conditions may allow the discharge to affect the quality of the well water.

According to the Missouri Clean Water Information System (MoCWIS), there are approximately 232 private wastewater treatment facilities or industrial facilities that are currently required to monitor for nitrates. Without evaluating each situation, for the purposes of this fiscal note, it is assumed that half of these facilities will not have to continue monitoring for nitrates because of this rule change. An online survey of the costs for analyzing a wastewater sample for nitrates ranged from \$24 to \$30. For the purposes of this fiscal note the analysis cost is assumed to be \$25 and the monitoring frequency is monthly.

$(232)(1/2)(\$25)(12) = (\$34,800)$ savings in FY2013

10. Specify that operating permits may include schedules of compliance in accordance with federal regulations

Existing language in Section (10) of 10 CSR 20-7.031 *Water Quality Standards* references the federal regulation regarding schedule of compliance (40 CFR 122.47). This amendment will relocate the schedule of compliance language from the Water Quality Standards rule into this rule. There are no fiscal ramifications from moving the location of this provision.

11. Revert to pH effluent limits that were in a previous version of the regulation

During the previous revision to the Effluent Regulation the pH range was revised from (6 to 9) to (6.5 to 9.0). This change was made as a result of a response to a comment from the U.S. Environmental Protection Agency. The purpose of this change was to align the Effluent Regulation with the Water Quality Standards rule. However, the Regulatory Impact Report (RIR) for this previous rulemaking did not address the costs associated with this change because the change was made subsequent to the RIR process during the response to comments phase of the rulemaking. In addition, the fiscal note did not address the costs.

Department is proposing to revise the pH portions of the rule to read as it did prior to the last revision, meaning the rule will require effluent to have a pH range of 6 to 9. The Department does not expect there to be any fiscal impact to returning to the previous pH range.

12. Allow alternate compliance points for discharges to subsurface waters

The existing rule requires facilities that have subsurface discharges to meet their effluent limits at a point ten feet below the surface. The purpose of specifying the “ten foot” compliance point was to allow compliance to be determined at some point below the surface but prior to typical entry into the aquifer. The proposed amendment will allow alternative compliance depths provided it is appropriate for the setting. Although not common, it is expected that a few facilities may see a marginal savings because they may not have to treat wastewater to quite as low a concentration prior to release. Because the savings are expected to be quite marginal and relatively rare, for the purposes of this fiscal note this change is assumed to have no fiscal impact.

13. Reorganize and clarify several elements of the rule

Rule reorganization and clarification is not expected to result in any fiscal impacts.

V. ASSUMPTIONS

The duration of the proposed rule is indefinite. There is no sunset clause. Costs imposed by the proposed rule for monitoring and wet tests are shown on an annual basis in the table summaries. The total estimated cost of compliance in the aggregate, for all private and domestic wastewater treatment facilities, is \$102,600 through 2018.

The proposed amendment will cost private wastewater treatment facilities (domestic and industrial) in the aggregate \$1,000 in fiscal year 2013, \$7,100 in fiscal year 2014, \$13,700 in fiscal year 2015, \$20,600 in fiscal year 2016, \$27,900 in fiscal year 2017, and \$32,300 in fiscal year 2018. The costs associated with nutrient monitoring for nitrogen and phosphorus are expected to decrease after 2018 as many facilities will have completed their monitoring obligation within their specific permit terms. The costs associated with whole effluent toxicity testing, or WET Tests, after 2018 are expected to decline significantly in future years as most facilities will demonstrate that their effluent is not toxic and monitoring can be reduced or eliminated. The savings for nitrate are a result of reduced monitoring frequency and, are expected to continue into future years.

Total aggregate cost savings for nitrate monitoring are expected to be \$40,300 in FY2018 due to reduced monitoring and, beyond with reduced monitoring and on-going compliance.

**Title 10—DEPARTMENT OF NATURAL RESOURCES
Division 20—Clean Water Commission
Chapter 7—Water Quality**

ORDER OF RULEMAKING

By the authority vested in the Clean Water Commission under section 644.026, RSMo Supp. 2013, the Clean Water Commission amends a rule as follows:

10 CSR 20-7.031 is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on June 17, 2013 (38 MoReg 939-1069). Those sections with changes are reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: A public hearing on this proposed amendment was held September 11, 2013, and the public comment period ended September 18, 2013. At the public hearing, Watershed Protection Section staff explained the proposed amendment and fifteen (15) comments were made. The department also received ninety-two (92) written comments from individuals, municipalities, and organizations during the public comment period. Several of the comment letters were signed by multiple individuals or organizations and a few submitted more than one (1) comment letter. Multiple comment letters from the same entity were counted as one (1) comment but addressed separately, where appropriate. The department's responses to these comments have been categorized as general and specific, and are located following the fifteen (15) comments provided during the public hearing.

COMMENT #1: Steve Mahfood, citizen, urged the Clean Water Commission to support the proposed water quality standards regulation. Mr. Mahfood commented that while this rule is just the beginning of needed changes and that there are other water quality standards issues to address, this rule is long overdue and is a major step toward achieving the goals of the Clean Water Act. He further noted that in crafting this rule the department has worked with a number of stakeholders with different views, and that this rule will provide assurance and known standards to the agricultural community and all citizens of the state.

RESPONSE: The department appreciates Mr. Mahfood's encouragement and support, and agrees that while the proposed Water Quality Standards amendment would go a long way toward providing needed assurance and regulatory consistency, continued refinement of the rule will be necessary as the state works toward fully achieving the goals of the Clean Water Act.

COMMENT #2: Kevin Perry, REGFORM, described the proposed amendment to the water quality standards as important and urged the commission to adopt this rule out of concern that if Missouri does not take the matter into our own hands, EPA may promulgate their own rule for us. Mr. Perry requested that the commission remove language from three (3) sections of the rule that he characterized as either vague, unnecessary, or too prescriptive: the proposed sulfate and chloride criteria language at 10 CSR 20-7.031(5)(L); the parenthetical reference to rare and endangered species in the definition of Exceptional Aquatic Habitat at 10 CSR 20-7.031(1)(C)1.D.; and the variance language at 10 CSR 20-7.031(12)(B) referring to the factors provided in 40 CFR 131.10(g). Mr. Perry also requested that the commission insert a blanket acknowledgement into the rule that any conveyances or man-made treatment structures found in the Missouri Use Designation Dataset are there by error and should be removed; and he requested that the commission incorporate language, which he would provide to them with his written comments, stating that the rule would not become effective until the commission also adopted a

use attainability analysis protocol. Finally, he urged the commission to adopt this rule at the November 6, 2013 commission meeting, even in the event that department staff recommend that it be withdrawn. **RESPONSE AND EXPLANATION OF CHANGE:** The department appreciates Mr. Perry's support of the proposed Water Quality Standards amendment, and agrees that it is in the state's best interest to adopt this rule to avoid promulgation at the federal level.

In light of the substantial and conflicting comments from Mr. Perry and others regarding the sulfate and chloride criteria, the department has removed all revisions pertaining to sulfate and chloride from the proposed amendment and will propose alternate amendment language following a decision from EPA on the department's most recent submittal on this issue. The department recognizes the need for clarification on how to implement these criteria, and will continue to work with stakeholders to develop such procedures in a future rulemaking. Any action taken by EPA on this part of the previous rule will be taken into consideration at that time.

Comments from other stakeholders regarding the proposed Exceptional Aquatic Habitat use go beyond Mr. Perry's comment that the reference to rare and endangered species is unnecessary, and suggest that the entire designated use itself is redundant and unnecessary and should be removed. While the department feels that there is value in keeping the Exceptional Aquatic Habitat use designation, the department agrees that additional clarification is needed in the rule, and that existing requirements should prevent the degradation of high quality aquatic habitat. For these reasons, the department has removed the Exceptional Aquatic Habitat designated use definition from the proposed amendment pending further discussion.

The department notes that EPA has been clear in its expectations that variances from water quality standards can be approved, provided the state demonstrates that meeting the standard is unattainable based on one (1) or more of the factors outlined in 40 CFR 131.10(g), and does not believe that the proposed requirement to address attainability per 40 CFR 131.10(g) is unduly limiting or incongruent with state statute at 644.061, RSMo. The department does agree, however, that other factors may be taken into consideration and has revised the proposed variance language accordingly.

Without evidence that man-made stormwater and wastewater conveyances or treatment structures were not constructed in waters of the U.S., and without establishment of a use attainability analysis, the department is not able to categorically remove these streams from the Missouri Use Designation Dataset. In addition, the department notes that any rule language making approval and implementation of the proposed amendment contingent upon completion of an aquatic habitat use attainability analysis protocol would not be approvable by EPA. As a result, such language will not be added to the proposed amendment.

COMMENT #3: Robert Brundage, Newman, Comley & Ruth, P.C., commented that the Clean Water Commission has complete authority to either adopt or not adopt the proposed water quality standards rule, but stated that it is a very important rule and urged them to vote in favor of it, pending his suggested changes. Mr. Brundage noted that both the Missouri Use Designation Dataset and the use attainability analysis protocol as referenced in this rule are incomplete at the present time, and suggested that the commission may wish to not adopt either of these into this rule. He further emphasized that a protocol focusing on factor 2 of 40 CFR 131.10(g) is a priority for him and that he will remain involved in the process. He strongly supports the proposed tiered aquatic life use framework at paragraph (1)(C)1., but requests that the Exceptional Aquatic Habitat use be removed. He also requests that the language at paragraph (2)(G)1. discouraging sub-segmentation of streams and rivers as a result of a demonstration of use attainability be revised or removed, and that the definition of "sufficient" when referring to hydrologic and biological data necessary for assigning designated uses at paragraph (2)(D)3. be clarified. Finally, Mr. Brundage commented that the department's proposed methods for calculating hardness, sulfate, and chloride values at 10

CSR 20-7.031(5)(L) for use in the equations in Table A are not scientifically defensible, and suggests that the department instead adopt default values for hardness and sulfate from the department's own *Water Pollution Control Permit Manual*.

RESPONSE AND EXPLANATION OF CHANGE: The department appreciates Mr. Brundage's support of the proposed Water Quality Standards amendment. The department also appreciates Mr. Brundage's continued support of the development of a use attainability analysis protocol, and notes that at the suggestion of Mr. Brundage and others, the department has removed reference to the aquatic habitat use attainability analysis protocol from the proposed amendment, including language discouraging sub-segmentation of streams. The use attainability analysis protocol reference has been replaced with a reference to the federal regulations at 40 CFR 131.10(g) for removing or modifying a designated use. The Missouri Use Designation Dataset, however, is the digital geospatial dataset that provides the basis for assigning water quality standards to waters in the state and, as such, must be referenced in the proposed amendment.

While the department feels that there is value in keeping the Exceptional Aquatic Habitat use designation, the department agrees that additional clarification is needed in the rule, and that existing requirements should prevent the degradation of high quality aquatic habitat. For these reasons, and because of comments by Mr. Brundage and others, the department has removed the Exceptional Aquatic Habitat designated use definition from the proposed amendment pending further discussion.

The department agrees that the definition of "sufficient", when referring to hydrologic and biological data at paragraph (2)(D)3., is unclear. In response to comments by Mr. Brundage and others, the department has revised this section of the amendment to allow the designation of uses on a case-by-case basis to waters that fall within the jurisdiction of the Missouri Clean Water Law but may not have otherwise been captured in paragraph (2)(D)1. but that are not demonstrated to be exclusions at paragraph (2)(D)3. Any case-by-case determination of designated uses would be brought to the commission for approval following a public notice and comment period.

In light of the substantial and conflicting comments from Mr. Brundage and others regarding the sulfate and chloride criteria, the department has removed all revisions pertaining to sulfate and chloride from the proposed amendment and will propose alternate amendment language following a decision from EPA on the department's most recent submittal on this issue. The department recognizes the need for clarification on how to implement these criteria, and will continue to work with stakeholders to develop such procedures in a future rulemaking. Any action taken by EPA on this part of the previous rule will be taken into consideration at that time.

COMMENT #4: Peter Goode, Washington University Environmental Law Clinic and Missouri Coalition for the Environment, commented that the proposed water quality standards rule amendment and Missouri Use Designation Dataset do not provide default protections for all waters of the United States as required under the federal Clean Water Act; he also commented that waters not currently in the dataset should be presumed to be attaining default uses outlined in the Clean Water Act without needing a use attainability analysis to be added. Mr. Goode also noted that the amendment still contains no numeric criteria for protection of designated uses in wetlands, and suggested that the department assign the warm water aquatic habitat designated use to wetlands on public lands as a first step to broader protections for wetlands. Finally Mr. Goode noted that there are terms proposed in the rule, such as Exceptional Aquatic Habitat, Modified Aquatic Habitat and Class E, that do not appear to be utilized and whose impact is unknown; he suggests that these be better defined and their intent clarified.

RESPONSE AND EXPLANATION OF CHANGE: The department acknowledges Mr. Goode's concerns with the proposed Water Quality Standards amendment and the Missouri Use Designation

Dataset. In response to comments by Mr. Goode and others, the department has revised this section of the amendment to allow the designation of uses on a case-by-case basis to waters that fall within the jurisdiction of the Missouri Clean Water Law but may not have otherwise been captured in paragraph (2)(D)1. but that are not demonstrated to be exclusions at paragraph (2)(D)3. Any case-by-case determination of designated uses would be brought to the commission for approval following a public notice and comment period. Furthermore, the department notes that all waters of the state, whether classified or not, are currently protected by general water quality criteria, and those supporting aquatic life on at least an intermittent basis are subject to the acute toxicity criteria in Tables A and B of the standards. With the addition of over twenty-six thousand (26,000) acres of lakes and nearly eighty-five thousand (85,000) additional miles of streams receiving Clean Water Act default uses under the proposed Water Quality Standards amendment, this rule represents a major step toward ensuring full protection for all waters in the state within the jurisdiction of Missouri Clean Water Law and the federal Clean Water Act.

The department agrees with Mr. Goode's comment that the establishment of a set of wetland-specific numeric water quality criteria is important for achieving full protection of waters under the Clean Water Act. However, data on wetland water quality and functioning sufficient to characterize appropriate use designations and numeric criteria for wetlands are currently lacking in Missouri. To that end, the department recently applied for, and was awarded, a three- (3-) year EPA Wetland Program Development Grant in order to collect water quality and other data, and develop a method for determining candidate reference site conditions for Missouri wetlands. The goal of this project is to ultimately establish a set of water quality-based reference wetlands in Missouri that can provide a scientific foundation for the development of wetland water standards, including designated uses and numeric criteria to protect those uses.

While the department feels that there is value in keeping the Exceptional Aquatic Habitat use designation, the department agrees that additional clarification is needed in the rule, and that existing requirements should prevent the degradation of high quality aquatic habitat. For these reasons, the department has removed the Exceptional Aquatic Habitat designated use definition from the proposed amendment pending further discussion.

Based on comments by Mr. Goode and others, the definitions for the Modified Aquatic Habitat use designation and the Class E hydrologic class have been revised and clarified. The department revised the definition of the Modified Aquatic Habitat use designation in the proposed rule amendment in an attempt to clarify that this use applies to waters lacking an expected diversity of aquatic biota as a result of being modified in some way, thereby satisfying the requirements of 40 CFR 131.10(g) factor 3. The intent of the proposed ephemeral hydrologic class was to establish habitat conditions that may not support aquatic life for the entirety of an aquatic organism's life cycle. The department agrees with other comments it received that continuous flow or pooling for the ninety-six (96)-hour duration is no guarantee of the presence of aquatic life before, during or after the precipitation event. Since the intent of the change was to establish ephemeral aquatic habitat protection, the department has modified this definition and also added an "Ephemeral Aquatic Habitat" designated use at 10 CSR 20-7.031(1)(C)1.d.

COMMENT #5: Steve Meyer, City of Springfield and Association of Missouri Cleanwater Agencies (AMCA), commented that the proposed amendment to the Water Quality Standards is a good one, and urged the Clean Water Commission to adopt it. He suggested that the Missouri Use Designation Dataset be time-stamped, and also commented that forty-eight (48) of the streams contained within this proposed dataset in the Springfield area are man-made stormwater or wastewater conveyances. He noted that since language in the proposed amendment exempts such conveyances, they should be removed from the dataset. Finally, given the lack of a completed use

attainability analysis protocol, Mr. Meyer suggested that the amendment reference the federal regulations at 40 CFR 131.10(g) for removing or modifying a designated use.

RESPONSE AND EXPLANATION OF CHANGE: The department appreciates Mr. Meyer's support of the proposed amendment. As a result of comments by Mr. Meyer and others that the Missouri Use Designation Dataset be time-stamped, reference to this dataset in the proposed amendment will be clarified to identify the date of November 6, 2013.

The department has revised the language at paragraph (2)(D)4. of the proposed amendment to address concerns by EPA and stakeholders that newly captured water body segments receive appropriate Clean Water Act protections. Changes were made to the proposed amendment to ensure waters outside the jurisdiction of the federal Clean Water Act or Missouri Clean Water Law do not receive presumed Section 101(a) "fishable/swimmable" uses. The proposed amendment also contains revised language that would preclude presumed use designation to man-made structures designed for the treatment of wastewater and stormwater following review and determination by the department.

The department appreciates the photographs submitted by the city of Springfield for consideration as exclusions from application of presumptive beneficial uses. Given the proposed language in paragraph (2)(D)3. has not yet been promulgated, entities requesting that specific waters be excluded from presumptive "fishable/swimmable" designated uses may resubmit such requests following the effective date of the rule. The department will provide a written determination and, where such requests involve changes to water quality standards, will submit the determination as a water quality standards change during the next review.

At the suggestion of Mr. Meyer and others, the department has removed reference to the aquatic habitat use attainability analysis protocol from subsection (2)(G) of the proposed amendment and replaced it with a reference to the federal regulations for removing or modifying a designated use at 40 CFR 131.10(g).

COMMENT #6: Trent Stober, HDR Engineering, commented that the current proposed amendment represents a very positive change over the various version of this rule that have been proposed over the past ten (10) years. Mr. Stober agrees with Peter Goode that some clarifications could be made to the tiered aquatic life uses outlined at 10 CSR 20-7.031(1)(C)1., in particular that ephemeral waters be addressed as a designated use, but separate from the Modified Aquatic Habitat use.

RESPONSE AND EXPLANATION OF CHANGE: The department appreciates Mr. Stober's support of the proposed Water Quality Standards amendment, and agrees that some clarifications are needed to the tiered aquatic life uses outlined in paragraph (1)(C)1. of the rule. In response to this and other comments, the department has added a distinct Ephemeral Aquatic Habitat use designation at 10 CSR 20-7.031(1)(C)1.d to address ephemeral waters that have not been physically or hydrologically modified.

COMMENT #7: Ed Galbraith, Barr Engineering, commented regarding the proposed Water Quality Standards amendment that stakeholders on one (1) side of the issue feel that it goes too far, while those on the other side feel that it doesn't go far enough. He also noted that EPA's public statements on the amendment have indicated that the 1:100,000 scale use designation dataset is an acceptable framework, provided that additional waters can be easily added. Mr. Galbraith feels that it is a good rule that represents a compromised position, and he supports it going forward. He added, however, that he would support a trigger mechanism that would make commission approval and implementation of the rule dependent on completion of an aquatic habitat use attainability analysis protocol.

RESPONSE: The department appreciates Mr. Galbraith's support and his acknowledgement that the proposed rule is an attempt to reach a compromise position satisfactory to all interested parties.

However, any rule language making approval and implementation of the proposed amendment contingent upon completion of an aquatic habitat use attainability analysis protocol would not be approvable by EPA. The department is willing to discuss and work with interested entities to develop structured, scientific use attainability analyses to determine the attainment of aquatic habitat protection uses as the need arises.

COMMENT #8: Phil Walsack, Missouri Public Utilities Alliance, commented that recent cost estimates for the rule are more robust than they had initially been, and that this is very important in the Clean Water Commission's decision making. Mr. Walsack also commented that the use attainability analysis protocol is very important and that it needs to be finished by November, even if this means that department senior management become involved to make sure it gets done.

RESPONSE AND EXPLANATION OF CHANGE: The department appreciates Mr. Walsack's support of the Regulatory Impact Report and agrees that the fiscal impacts of this proposed amendment are an important consideration for the commission. The department also agrees that developing a use attainability analysis protocol is very important, and is committed to continuing refinement of its current draft protocol for presentation at the November commission meeting. However, in light of comments requesting greater flexibility to conduct use attainability determinations, the department has removed the reference to use attainability analysis protocols from the proposed amendment at 10 CSR 20-7.031(2)(G)1.-4. and instead refer to the UAA factors found in federal regulation at 40 CFR 131.10(g).

COMMENT #9: Joseph Bachant, citizen, noted many past and present water quality issues facing both the nation and the state of Missouri. Mr. Bachant further commented that the proposed Water Quality Standards amendment is a fine step forward and that the commission should pass it so that we can then move on and begin tackling more pressing water-related issues in the state.

RESPONSE: The department appreciates Mr. Bachant's support of the proposed Water Quality Standards amendment, and agrees that addressing water quality and other water-related issues in the state remains a continuing concern.

COMMENT #10: Eric Karch, River des Peres Watershed Coalition, commented that the constituency he represents supports default aquatic life protections for all streams in Missouri, but recognizes that there are differing opinions and negotiation is necessary. Mr. Karch expressed concern that it may be very easy to downgrade a designated use with the draft use attainability analysis protocol, but that it may be more difficult to add a stream that is not currently in the Missouri Use Designation Dataset. He wants there to be a fair standard applied to both sides. Mr. Karch also expressed concern that the proposed amendment continues to consider and manage streams as individual segments, rather than from a watershed perspective.

RESPONSE AND EXPLANATION OF CHANGE: The department appreciates Mr. Karch's concern that the process for adding waters to the Missouri Use Designation Dataset be a fair one. In response, the department has revised the section of the amendment which involves designating uses to waters on a case-by-case basis that are not otherwise represented in Tables G and H, or in the Missouri Use Designation Dataset. The revised, simplified language specifies that uses may be designated when such waters fall within the jurisdiction of the Missouri Clean Water Law.

In response to Mr. Karch's support for establishment of default aquatic life protections for all streams in Missouri, the department notes that all waters of the state, whether classified or not, are currently protected by general water quality criteria, and those supporting aquatic life on at least an intermittent basis are subject to the acute toxicity criteria in Tables A and B of the standards. With the addition of over twenty-six thousand (26,000) acres of lakes and nearly eighty-five thousand (85,000) additional miles of streams

receiving Clean Water Act default uses under the proposed Water Quality Standards amendment, this rule represents a major step toward ensuring full protection for all waters in the state within the jurisdiction of Missouri Clean Water Law and the federal Clean Water Act.

COMMENT #11: Holly Neill, Missouri Stream Team Watershed Coalition, acknowledged the need to strike compromise between multiple competing interests when creating rules to protect water resources. Ms. Neill also commented that her group supports the proposed amendment to the Water Quality Standards, recognizing it as a huge step in the right direction.

RESPONSE: The department appreciates Ms. Neill's support of the proposed Water Quality Standards amendment, as well as her acknowledgement that the rule attempts to strike a compromise between multiple competing interests.

COMMENT #12: Danelle Haake, River des Peres Watershed Coalition and Litzsinger Road Ecology Center for Education and Research, commented that while environmental organizations had been part of the Water Classification and Small Streams workgroups in 2009, the same environmentally-focused stakeholders were not brought to the table to work on the current proposed Water Quality Standards amendment; consequently, the rule language was altered from the previous rulemaking in a way that undermines protections for urban streams. In particular, Ms. Haake pointed to language allowing exemptions for waters defined as man-made conveyances, as well as language allowing for lesser protections for waters designated as Modified Aquatic Habitat. She was concerned that waters assessed as impaired by a pollutant for aquatic life protection could be downgraded into the Modified Aquatic Habitat category, and she asked that this use designation be removed from the proposed rule. Finally, Ms. Haake asked the commission to follow direction set by EPA and the example set by citizens, and fully protect all streams, rivers, and wetlands in the state.

RESPONSE AND EXPLANATION OF CHANGE: The department notes that all meetings of the Water Classification Workgroup for development of the proposed Water Quality Standards amendment were open to the public and posted to the meetings calendar on the department's Water Protection Forum web page, as were the agenda, attendance sheet, and notes for each meeting. Furthermore, meeting announcements were distributed by email to all individuals who voluntarily registered to receive issue updates on the Water Protection Forum and Water Quality Standards web pages.

It is not the department's intention that the Modified Aquatic Habitat use designation be used as a general category in which to place all urban streams, nor is it the goal that such a designation would ever be applied to waters on the basis that they were assessed as impaired by a pollutant. As a result of this comment and others, the department has revised language in the proposed rule amendment, and has added additional language, in order to clarify that this use applies to waters lacking an expected diversity of aquatic biota as a result of being modified in some way, thereby satisfying the requirements of 40 CFR 131.10(g) factor 3.

The department notes that all waters of the state, whether classified or not, are protected in the current Water Quality Standards rule by general water quality criteria, and those supporting aquatic life on at least an intermittent basis are subject to the acute toxicity criteria in Tables A and B of the standards. With the addition of over twenty-six thousand (26,000) acres of lakes and nearly eighty-five thousand (85,000) additional miles of streams receiving Clean Water Act default uses under the proposed Water Quality Standards amendment, this compromise rule represents a major step toward ensuring full protection for all waters in the state within the jurisdiction of Missouri Clean Water Law and the federal Clean Water Act.

COMMENT #13: Todd Sampsell, The Nature Conservancy, commented that although there is still work to be done to protect water

resources, the proposed amendment to the Water Quality Standards is a step in the right direction, and he urged the commission to adopt these standards. He said that incorporating waters on the National Hydrography Dataset into the rule, as well as adopting a more refined set of aquatic habitat designations, will help increase protections for waters in the state. He cautioned, however, that implementation of the use attainability analysis protocol should be held to a high standard to ensure that threatened and endangered aquatic species are protected. Finally, Mr. Sampsell noted that sediments and nutrients remain a threat to the integrity of our waters, and should be addressed with the next triennial review of state water quality standards.

RESPONSE: The department appreciates Mr. Sampsell's support of the proposed Water Quality Standards amendment, and agrees that implementation of the use attainability analysis protocol should be held to a high standard to ensure the protection of threatened and endangered aquatic species.

Regarding Mr. Sampsell's comment that sediment and nutrient standards be addressed in the next triennial review, the department notes that it has been working toward the development of state water quality standards for nutrients for some time, establishing nutrient standards for lakes in a previous rulemaking that were subsequently disapproved by EPA. It is the department's goal to continue this work and develop and submit nutrient water quality standards for both lakes and streams in a future water quality standards review.

COMMENT #14: Steve Nagle, River des Peres Watershed Coalition, St. Louis Regional Open Space Council, and Missouri Parks Association, commented that two (2) important rivers and their tributaries that deserve recognition and protection under the Clean Water Act are the Meramec River and the River des Peres; and that it's critically important that all rivers, streams, wetlands, and lakes within our Missouri State Parks system be healthy enough to support swimming and protection of aquatic life. Mr. Nagle also stated that all three (3) of the organizations he represents support the proposed Water Quality Standards amendment.

RESPONSE: The department appreciates Mr. Nagle's support of the proposed Water Quality Standards amendment, and agrees that waters within the Missouri State Parks system, along with the Meramec River and River des Peres and their tributaries, deserve protection under the Clean Water Act. The department notes that both the Meramec River and River des Peres and most of their tributaries are currently classified waters with designated uses in Missouri's Water Quality Standards, and as such are protected by both numeric and general water quality criteria. Furthermore, all waters of the state, whether classified or not, are protected by general water quality criteria, and those supporting aquatic life on at least an intermittent basis are subject to the acute toxicity criteria in Tables A and B of the standards. With the addition of over twenty-six thousand (26,000) acres of lakes and nearly eighty-five thousand (85,000) additional miles of streams receiving Clean Water Act default uses under the proposed Water Quality Standards amendment, this compromise rule represents a major step toward ensuring full protection for all waters in the state within the jurisdiction of Missouri Clean Water Law and the federal Clean Water Act.

COMMENT #15: Karen Bataille, Missouri Department of Conservation, commented that her organization supports the proposed Water Quality Standards amendment, particularly the attempt to provide protections for currently unclassified waters using an enhanced 1:100,000 scale National Hydrography Dataset, and the use of the Missouri Aquatic GAP project to implement a tiered aquatic life protection framework. She stressed the importance of continued development of a use attainability analysis protocol to ensure that aquatic habitat protections are appropriately applied, and said that her department will continue to participate in the process and provide data and technical support. Ms. Bataille also expressed support for the revised wetlands definitions proposed in the rule, and strongly encouraged the

department to continue work toward the development of wetland-specific water quality criteria. Finally, she stated that increased water quality protections may benefit the resources and the citizens of the state in the future, noting in particular the proposed Exceptional Aquatic Habitat designated use.

RESPONSE AND EXPLANATION OF CHANGE: The department appreciates Ms. Bataille's support of the proposed Water Quality Standards amendment, as well as her offer of continued support in the development of a use attainability analysis protocol. The department agrees that such a protocol is important, and is committed to continuing refinement of its current draft protocol for presentation at the November commission meeting. The department also agrees with Ms. Bataille that the establishment of a set of wetland-specific water quality criteria is important. However, data on wetland water quality and functioning sufficient to characterize appropriate use designations and numeric criteria for wetlands are currently lacking in Missouri. To that end, the department recently applied for, and was awarded, a three- (3-) year EPA Wetland Program Development Grant in order to collect water quality and other data, and develop a method for determining candidate reference site conditions for Missouri wetlands. The goal of this project is to ultimately establish a set of water quality-based reference wetlands in Missouri that can provide a scientific foundation for the development of wetland water standards, including designated uses and numeric criteria to protect those uses. While the department feels that there is value in keeping the Exceptional Aquatic Habitat use designation, the department agrees with other stakeholder comments that additional clarification is needed in rule. For this reason, the department has removed the Exceptional Aquatic Habitat designated use definition from the proposed amendment pending further discussion. The department welcomes the Department of Conservation's continued participation and support of this effort.

GENERAL WRITTEN COMMENT #1—Support for the Water Quality Standards Rulemaking: The vast majority of the written comments received contained support for the proposed amendment to the water quality standards rule at 10 CSR 20-7.031. Environmental protection and resource conservation organizations (e.g., Audubon Missouri, Mill Creek Watershed Coalition, Missouri River Communities Network, Missouri Sierra Club, Missouri Stream Team Watershed Coalition, The Open Space Council, River des Peres Watershed Coalition, South Grand River Watershed Alliance, and Missouri Coalition for the Environment (Comments 1-3)) see the rulemaking as a positive step but comment that the rulemaking does not extend "fishable/swimmable" use designations to enough waters, including headwater streams and wetlands. This sentiment is shared by the overwhelming majority of citizen comments that used language similar to that found on the Missouri Coalition for the Environment's water quality advocacy web page. Municipal and Industrial Organizations (Barr Engineering et al., City of Springfield, Metropolitan St. Louis Sewer District, and REGFORM) provided comments supportive of the proposed amendment, but also included concerns and alternate amendment language that are addressed in subsequent comments.

RESPONSE: The department appreciates the wide spectrum of stakeholder support for the proposed amendment and thanks all those who have been involved in its development.

With this rulemaking, the department in conjunction with stakeholders has developed a proposed amendment that addresses a significant water quality standards deficiency identified by EPA in September 2000, and confirmed by federal court in February 2012. Federal court decisions and guidance have yet to identify with sufficient detail the characteristics and tools necessary to identify "waters of the United States". The department believes the current proposal to designate "fishable/swimmable" uses to all perennial rivers and streams, all streams with permanent pools, and all rivers and streams included in the 1:100,000 scale National Hydrography Dataset (NHD), as well as the many lakes that intersect these waters, is a

much needed step forward in water quality protection. As the department has noted previously, all waters of the state, including wetlands and headwaters, are currently protected by general water quality criteria, and those supporting aquatic life on at least an intermittent basis are subject to the acute toxicity criteria in Tables A and B of the standards. With the addition of over twenty-six thousand (26,000) acres of lakes and nearly eighty-five thousand (85,000) additional miles of streams receiving Clean Water Act default uses under the proposed amendment, this rule represents a major step toward ensuring full protection for all waters in the state under Missouri Clean Water Law at section 644.011, RSMo and the federal Clean Water Act at Section 101(a).

The department acknowledges that additional work will be needed to fully bring headwater streams and wetlands into Missouri's water quality standards. The current tiered aquatic habitat designated use definitions and ongoing efforts to characterize appropriate use designations and numeric criteria for wetlands and headwaters will help Missouri move into the forefront in addressing these issues within its water quality standards. To support these efforts, the department has retained grants and established partnerships with the Missouri Department of Conservation and University of Missouri to collect water quality and other data that will be used to characterize appropriate use designations and water quality criteria for wetlands and headwaters in the state. These data and information will allow the state to choose appropriate reference conditions and criteria for these waters so that appropriate water quality standards will be assigned and protected. Future rulemaking efforts will address wetland classification, use designation, numeric criteria, and antidegradation requirements in greater detail.

The department appreciates the comments regarding stakeholder support for the Missouri Use Designation Dataset and is committed to ensuring the highest level of data quality assurance and control throughout the process.

GENERAL WRITTEN COMMENT #2—Reference to Missouri Resource Assessment Partnership (MoRAP) Aquatic Gap Project (10 CSR 20-7.031(1)(C)1.): Barr Engineering et al. (Comments 1 & 6); Missouri Farm Bureau-Missouri Corn Growers Association; and Newman, Comley & Ruth P.C. (Comment 2) provided comments requesting that reference to the MoRAP Aquatic Gap project in the proposed amendment be removed since the project was not intended to be used as a regulatory tool or to be incorporated into regulation. Although the commenters supported the use of hydrological and physical stream data contained in the MoRAP Aquatic Gap Project for the purpose of establishing the extent of presumptive beneficial uses, they did not believe the biological data contained in the project should be used for that purpose and provided alternate language for the department's consideration.

RESPONSE AND EXPLANATION OF CHANGE: The department agrees that the biological data contained in the MoRAP Aquatic Gap Project may contain some uncertainty and that those data should not serve as the basis for regulation. However, as acknowledged by the commenters, the hydrological and physical data contained within the project provide additional data upon which the spatial extent of presumptive beneficial use designations can be made. The department appreciates the alternate language provided by Barr Engineering et al., and Missouri Farm Bureau-Missouri Corn Growers Association in this regard. As a result of these comments, the department has removed reference to "biological" data and the MoRAP Aquatic Gap Project at 10 CSR 20-7.031(1)(C)1. and (2)(D)1.

GENERAL WRITTEN COMMENT #3—Tiered Aquatic Life Designated Use Framework (10 CSR 20-7.031(1)(C)1.): Barr Engineering et al. (Comment 2) and city of Springfield (Comment d) commented in support of the tiered aquatic life designated use framework in the proposed amendment and recommend adding the subcategories of waters found in the warm water aquatic habitat definition to the cool and cold water habitats as well. Newman, Comley & Ruth

P.C. (Comment 3) provided a comment requesting clarification on the location in rule of the proposed “lakes and reservoirs” habitat type.

RESPONSE AND EXPLANATION OF CHANGE: The department appreciates the support for a tiered aquatic life designated use framework and agrees the subcategories of water bodies found in the warm water aquatic habitat definition should be added to the cool and cold water aquatic habitat definitions as well. All subcategories have been added to those designated use definitions with the exception of “Great Rivers” which are not present in the state for cool and cold water habitats. The lakes and reservoirs habitat type is included in each water temperature class and is the last habitat listed under each definition.

Another minor change made to tiered aquatic life designated use definitions was the restoration of the phrase “naturally-occurring” before water quality and habitat conditions. This language is found in the existing and effective rule and was inadvertently removed from the definitions in the proposed amendment.

The department believes the proposed tiered aquatic habitat protection framework (i.e., warm, cool, and cold water aquatic habitat – ephemeral aquatic habitat – modified aquatic habitat – limited aquatic habitat) will provide a much needed improvement to the way in which Missouri protects its unique water resources. The department appreciates stakeholder participation on this very important topic and welcomes continued input as the framework is implemented.

GENERAL WRITTEN COMMENT #4—Exceptional Aquatic Habitat (10 CSR 20-7.031(1)(C)1.D.): Barr Engineering et al. (Comment 2); city of Springfield (Comment e); Newman, Comley & Ruth P.C. (Comment 5); and REGFORM (Comment 3) commented that the Exceptional Aquatic Habitat designated use definition proposed at 10 CSR 20-7.031(1)(C)1.D. may be unclear, not addressed in other parts of the regulation, and redundant since many of these waters should already be captured under the existing Outstanding National and State Resource water designations. Commenters recommended the definition be removed from the proposed amendment. The Missouri Coalition for the Environment (Comment 4) also commented on the Exceptional Aquatic Habitat designated use and questioned how this use would be applied.

RESPONSE AND EXPLANATION OF CHANGE: The department agrees that additional clarification is needed to define the type of aquatic life that may reside in exceptional aquatic habitat and the procedures necessary to designate a water body in this aquatic habitat tier. The department also agrees that existing antidegradation requirements in the water quality standards, and outstanding state and national resource water designations, should prevent the degradation of high quality aquatic habitat and water bodies in the state. However, there is value in having an exceptional aquatic habitat designated use for those high quality waters that may not meet the criteria for designation as an outstanding national or state resource water. Due to the complexity and uncertainty that still exists for this revision, the department has removed the exceptional aquatic habitat designated use definition at 10 CSR 20-7.031(1)(C)1.D. from the proposed amendment pending further discussion.

GENERAL WRITTEN COMMENT #5—Ephemeral Aquatic Habitat and Class E waters (10 CSR 20-7.031(1)(C)1.D. and 10 CSR 20-7.031(1)(F)7.): Barr Engineering et al. (Comment 2); city of Springfield (Comments f & g (labeled “b” on page 3)); Missouri Coalition for the Environment (Comment 4) and Newman, Comley & Ruth P.C. (Comment 6) provided comments on the proposed language to include an ephemeral water class at 10 CSR 20-7.031(1)(F)7. Some commenters requested that reference to ninety-six (96)-hour period of flow or pooling in response to precipitation events be removed due to concerns that the duration had no relationship to the criteria the class was intended to protect. Some commenters also recommended that the final rule amendment include an

Ephemeral Aquatic Habitat designated use in addition to, or instead of, an ephemeral hydrologic class. Finally, Barr Engineering et al. and city of Springfield requested clarification regarding the criteria that would apply to ephemeral aquatic habitat and recommended the department make revisions to section (4), and subsections (4)(I) and (5)(A), as necessary.

RESPONSE AND EXPLANATION OF CHANGE: The intent of the proposed ephemeral hydrologic class was to establish habitat conditions that may not support aquatic life for the entirety of an aquatic organism’s life cycle. The ninety-six (96)-hour duration for period of flow or pools in response to precipitation events was intended to separate those water body conditions requiring protection by acute criteria (less than ninety-six (96)-hour duration) from those requiring protection by chronic criteria (greater than ninety-six (96)-hour duration). The department agrees that continuous flow or pooling for the ninety-six (96)-hour duration is no guarantee of the presence of aquatic life before, during or after the precipitation event. As a result of the comment, the proposed amendment language referencing “96-hr duration” has been removed from the amendment. Since the ultimate intent of the change was to establish ephemeral aquatic habitat protection rather than a hydrologic class, an “Ephemeral Aquatic Habitat” designated use has been included at 10 CSR 20-7.031(1)(C)1.D. These revisions should address the concerns raised by the comments regarding the ephemeral class definition and the need for an ephemeral aquatic habitat designated use.

In the drafting the ephemeral aquatic habitat definition at 10 CSR 20-7.031(1)(C)1.D., the department used language provided in the comments to define the hydrologic conditions for the use. Because the other proposed aquatic habitat use designation definitions include some mention of the biological condition expected to be present, additional language was included to define the biological conditions expected for the ephemeral aquatic habitat designated use.

The department agrees that application of chronic criteria to ephemeral water bodies, where chronic exposure to toxic pollutants does not exist, is not appropriate. These water bodies should be protected through narrative and acute numeric criteria under section (4) and subsection (4)(I) of the rule. Additional clarification that the requirements of (4)(I) apply to ephemeral waters was included in the revised amendment as a result of this comment. The department agrees that additional clarification is also needed in the proposed amendment at subsection (5)(A) to clearly state that chronic toxicity criteria do not apply to ephemeral waters or those waters where a use attainability analysis has demonstrated less stringent criteria apply. A change to the proposed amendment at subsection (5)(A) has also been made as a result of this comment.

GENERAL WRITTEN COMMENT #6—Presumed Designated Uses (10 CSR 20-7.031(2)(A)): Barr Engineering et al. provided comments and alternate amendment language for the department’s consideration regarding the extent to which presumed designated use should be applied (Comment 3).

RESPONSE: The department appreciates the comment and alternate amendment language presented by Barr Engineering et al. The intent of the proposed rule language at subsection (2)(A) is to apply presumed, “fishable/swimmable” uses to all perennial rivers and streams, all streams with permanent pools and all rivers and streams included within the 1:100,000 scale National Hydrography Dataset (NHD). As detailed during stakeholder discussions, the intent of the rule language was not to apply the presumed uses only to those waters on the NHD with perennial flow or permanent pools. Biological data collected by the department and Missouri Department of Conservation indicate that presumed “fishable/swimmable” uses are attainable for the spatial extent and type of waters proposed to receive these uses. In this sense, the proposed spatial extent of presumed uses is supported by peer-reviewed data and information of attainability. Other spatial extents may or may not have data available that can be used to determine attainability of presumed uses. Waters in the proposed rule that do not attain “fishable/swimmable” uses could have those uses removed,

where they are not an existing use, using the Use Attainability Analysis (UAA) provisions in federal regulation at 40 CFR 131.10(g) and as provided in the proposed amendment. No changes were made as a result of this comment.

GENERAL WRITTEN COMMENT #7—Use Designation and Administration (10 CSR 20-7.031(2)(A) – (D)): Barr Engineering et al.; Newman, Comley & Ruth P.C.; REGFORM; and United States Environmental Protection Agency commented on the language in the proposed amendment that would designate and administer presumed uses in Missouri. Newman, Comley & Ruth requested that reference to the use attainability analysis (UAA) process be referenced in the section pertaining to non-Section 101(a) designated uses (Comment 8) and that the title of subsection (2)(D) be changed (Comment 9). Barr Engineering et al. (Supplemental Comment, October 11, 2013) and REGFORM (Comment 4) requested that language be retained or refined so that water bodies that meet the description of those found in paragraph (2)(D)4. of the proposed amendment would be excluded from receiving default Clean Water Act Section 101(a) uses in the rule and use designation dataset. EPA provided alternate use designation language for the department's consideration and indicated that language excluding certain waters from Section 101(a) Clean Water Act protection would be problematic and not approvable (Comment 2). River des Peres Watershed Coalition also provided comments in opposition of proposed amendment language that would exempt man-made stormwater conveyances from Clean Water Act protections.

RESPONSE AND EXPLANATION OF CHANGE: The designation of non-Section 101(a) designated uses to a water body (i.e., designated uses other than protection and propagation of fish, shellfish, and wildlife, recreation in and on the water, and human health protection) do not require a use attainability analysis. However, it is the expectation of the department that a structured, scientific assessment of the water body and its uses would be conducted, and made available for public comment, prior to any designation of a non-Section 101(a) use to the water body. No changes were made as a result of this comment.

The department agrees that the title of subsection (2)(D) could be changed to be more clear. As a result of this comment, subsection (2)(D) has been changed from "Administration" to "Use Designation" in order to more clearly depict the intent of the section.

The department has revised the language at paragraph (2)(D)4. of the proposed amendment to address concerns by EPA and stakeholders that newly captured water body segments receive appropriate Clean Water Act protections. Changes were made to the proposed amendment to ensure waters outside the jurisdiction of the federal Clean Water Act or Missouri Clean Water Law do not receive presumed Section 101(a) "fishable/swimmable" uses. The proposed amendment also contains revised language that would preclude presumed use designation to man-made structures designed for the treatment of wastewater and stormwater following review and determination by the department.

REGFORM provided new language that would establish that the narrative exclusions found in the proposed amendment at paragraph (2)(D)4. would take precedence over any line work that may represent these exclusions in the 1:100,000 scale NHD. Through stakeholder discussions, the department is proposing new, revised language in the rule at paragraph (2)(D)3. which would take precedence over the line work should there be a discrepancy. The department has inserted additional language to make it clear that for any blue lines within the dataset where reasonable evidence is presented to the department that an exclusion is applicable, such stream segments would not be presumed to be fishable/swimmable, even though the department would retain the ability to add any use designations that may be appropriate. Any such refinements within the dataset would be made at the soonest opportunity, and would generally not be considered water quality standards changes since these features should not have received presumed uses in the first place. Any new use designations or other revisions considered to be changes to water quality

standards would be brought to the commission for approval following a public notice and comment period, prior to submittal to EPA.

GENERAL WRITTEN COMMENT #8—Missouri Use Designation Dataset (10 CSR 20-7.031(2)(D) & (E)): Newman, Comley & Ruth P.C. and United States Environmental Protection Agency provided comments regarding the geospatial dataset that will be created with this rulemaking to track existing and newly designated waters and uses. Newman, Comley & Ruth P.C. commented that reference to the enhanced National Hydrography Dataset and Use Designation Dataset should be removed from the rule at 10 CSR 20-7.031(2)(D) & (E) (Comments 10 & 11). EPA recommends that the terms "National Hydrography Dataset (NHD)" and "Use Designation Dataset" be defined in rule to ensure clarity of purpose and reference (Comment 3). EPA also provided comments and alternate amendment language for the department's consideration when referencing the new definitions at 10 CSR 20-7.031(2)(A)3., (2)(E) and in Tables G & H (Comments 4–6).

RESPONSE AND EXPLANATION OF CHANGE: The department agrees that inclusion of a definition for "National Hydrography Dataset" and "Use Designation Dataset" will provide clarity of purpose and reference for these terms in the proposed amendment. The department has therefore established definitions for "Missouri Use Designation Dataset" and "National Hydrography Dataset" at 10 CSR 20-7.031(1)(P) and (R), respectively. These definitions will enable the department to have consistency of usage and reference of these two (2) terms throughout the standards. By providing definitions for these terms should also remove the ambiguity of what constitutes an "enhanced" dataset for the purposes of the rule. Because the Missouri Use Designation Dataset is of central importance in establishing and administering water quality standards, reference to the dataset must remain in rule.

The department also considered and incorporated the intent of the alternate language and recommendations provided in EPA's comments 4–6 to ensure that the proposed amendment contains appropriate reference to the Missouri Use Designation Dataset. Incorporating the Missouri Use Designation Dataset by reference into the water quality standards allows the state to use the geospatial database for Clean Water Act purposes. Proposed changes to the dataset will be documented into the administrative record and made in subsequent versions of the dataset through the water quality standards review process.

GENERAL WRITTEN COMMENT #9—Determination of Use Attainability (10 CSR 20-7.031(2)(F)): Barr Engineering et al. (Comment 4); Newman, Comley & Ruth P.C. (Comment 12); and United States Environmental Protection Agency (Comment 7) provided comments and suggested revisions regarding the proposed language at 10 CSR 20-7.031(2)(F) that describe when use attainability analyses are needed.

RESPONSE AND EXPLANATION OF CHANGE: The intent of the proposed language was to provide clarification regarding when use attainability analyses are needed pursuant to federal regulation at 40 CFR 131.10(j). The department agrees with Barr Engineering and EPA that the revised language should clearly reflect federal regulation and appreciates the proposed revisions submitted by both commenters. The department acknowledges that the proposed amendment language may be confusing and has revised the proposed language to more closely reflect federal requirements at 40 CFR 131.10(j). The department also recommends that specific reference to Section 304(a) criteria at 10 CSR 20-7.031(2)(F)3. be dropped and be replaced with more generic language as recommended by Newman, Comley & Ruth P.C.

GENERAL WRITTEN COMMENT #10—Reference to Use Attainability Analysis Protocols (10 CSR 20-7.031(2)(G)): Newman, Comley and Ruth P.C. provided comments on language at 10 CSR

20-7.031(2)(G)1. that prohibits segmentation of a water body when conducting use attainability analyses (Comment 13). AMCA (Comment 1); Barr Engineering et al. (Comment 5); city of Springfield (Comment c); Newman, Comley & Ruth P.C. (Comment 14) and United States Environmental Protection Agency (Comment 9) commented on the appropriateness of the reference in rule at 10 CSR 20-7.031(2)(G)3. to the “Missouri Aquatic Habitat Use Attainability Analyses: Water Body Survey and Assessment Protocol” currently in development. United States Environmental Protection Agency (Comment 8) also commented on the appropriateness of the rule reference at 10 CSR 20-7.031(2)(G)2. to the “Missouri Recreational Use Attainability Analyses: Water Body Survey and Assessment Protocol”. AMCA provided additional comments on the potential for alternate approaches to use attainability analyses at 10 CSR 20-7.031(2)(G)4. AMCA (Comment 1); Barr Engineering et al. (Comment 5); Kansas City Water Services Department (Comment 2); and REGFORM (Comment 5) provided the department with options to maintain flexibility in referencing and adopting use attainability analysis methods and procedures. Barr Engineering et al. (Comment 7) and United States Environmental Protection Agency (Comment 10) both provided comments on amendment language at 10 CSR 20-7.031(2)(G)4. that would require EPA approval of protocols and procedures and use demonstrations.

RESPONSE AND EXPLANATION OF CHANGE: The comments and alternatives provided by AMCA, Barr Engineering et al., city of Springfield, Newman, Comley & Ruth P.C. and EPA are appreciated. The department recognizes that while predictability and process are important, flexibility to adapt Use Attainability Analysis (UAA) procedures and methods to site-specific situations will be necessary for successful implementation of the rule. While referencing a specific UAA protocol in the water quality standards rule may add predictability, the action of the rule referencing the protocol in the water quality standards will open the protocol up for review by EPA as water quality standards. The department does not believe that listing the draft protocol for aquatic habitat UAAs will limit the use of other structured, scientific analyses of the attainment of aquatic habitat uses. However, it is recognized that greater flexibility to draft site-specific sampling and assessment methods is needed. To that end, the department recommends removing the reference to use attainability analysis protocols from the proposed amendment at 10 CSR 20-7.031(2)(G)1.-4. and instead refer to the UAA factors found in federal regulation at 40 CFR 131.10(g). This approach has been suggested by stakeholders and the recommended place for such language is in the preceding section at 10 CSR 20-7.031(2)(F) where use attainability is discussed. By referencing the federal regulation, instead of a specific protocol, the department avoids the problems and issues that may arise with rule-referenced protocols. Specific details regarding water body survey techniques, segmentation and data collection requirements should be included in these protocols rather than in rule. The protocols should also explain the applicable factors and process for modifying or removing tiered aquatic habitat protection uses. Following existing and future UAA protocols developed by the department and adopted by the commission will give interested parties the greatest chance for success in designated use modification or removal. However, these protocols need not be the final word in UAA design and implementation and the department will continue to review and collaborate with stakeholders interested in conducting UAA studies that may differ from the developed protocols but that still satisfy all the appropriate state and federal requirements.

Both Barr Engineering et al. and REGFORM provided recommended rule language that would delay implementation of the proposed amendment until such time a UAA protocol is available for use. Any proposed rule language preventing or delaying implementation of the proposed amendment would not be approvable by EPA. The department is willing to discuss and work with interested entities to develop structured, scientific analyses to determine the attainment of aquatic habitat protection uses as the need arises.

Both Barr Engineering et al. and United States Environmental Protection Agency commented on proposed amendment language that would require approval of protocols and procedures used for use determinations. The department agrees that the proposed amendment language goes against the intent of the language for streamlined and effective determinations of use attainment. Since reference to use attainability analysis protocols is being removed for the proposed amendment, this section of the rule is no longer necessary and has been deleted.

GENERAL WRITTEN COMMENT #11—Sulfate and Chloride Criteria (10 CSR 20-7.031(5)(L)): Barr Engineering et al. (Comment 9); REGFORM (Comment 2); and Newman, Comley & Ruth P.C. (Comment 15) all provided comments suggesting that proposed clarifications to the Sulfate and Chloride Limit for Protection of Aquatic Life at 10 CSR 20-7.031(5)(L) be either modified or eliminated. While the specific comments varied, they all raised issues with the proposed means to calculate values for hardness, sulfate and chloride to be used in the sulfate and chloride criteria equations in Table A.

All three (3) commenters disagreed with the department’s proposal to use the lower quartile (25th percentile) of hardness data to calculate a hardness value, and to use the upper quartile (75th percentile) of sulfate and chloride data to calculate values for these parameters. Furthermore, two (2) of the three (3) commenters felt that the department should go beyond merely describing a means to calculate these values, but rather, should calculate and publish the actual regional default values for hardness, sulfate, and chloride using existing data. The third commenter felt that in the absence of EPA action on the previous rule, the proposed language in the current draft rule was presumptuous and unnecessary, and should be eliminated altogether.

RESPONSE AND EXPLANATION OF CHANGE: The intent of the proposed language had been to address implementation of the sulfate and chloride criteria that had been adopted with Missouri’s previous water quality standards rule, published May 31, 2012. To date, EPA has neither approved, disapproved, nor formally commented on these criteria. However, it had been suggested during conversations with EPA staff and other stakeholders that incorporating a mechanism to implement these criteria would strengthen this part of the rule, and may improve the likelihood that EPA would ultimately approve the criteria.

In light of the significant and substantial changes proposed by commenters to this part of the rule, as well as a general lack of agreement among commenters on how the department should proceed, the department recommends that the proposed language for Sulfate and Chloride Limit for Protection of Aquatic Life at 10 CSR 20-7.031(5)(L) be removed at this time. The department still recognizes the need for clarification on how to implement these criteria, and will continue to work with stakeholders to develop such procedures in a future rulemaking. Any action taken by EPA on this part of the previous rule will be taken into consideration at that time.

GENERAL WRITTEN COMMENT #12—Variance Authorizing Provisions (10 CSR 20-7.031(12)): AMCA (Comment 3); Barr Engineering et al. (Comment 8); city of Springfield (Comment h (labeled “c” on page 3) ; Kansas City Water Services Department (Comment 1); Newman, Comley & Ruth P.C. (Comment 7); REGFORM (Comment 1); and United States Environmental Protection Agency (Comment 18) provided comments on the variance authorizing provisions contained in the proposed amendment at 10 CSR 20-7.031(12) and/or the variance definition at 10 CSR 20-7.031(1)(X). Barr Engineering et al., city of Springfield, Kansas City Water Services Department and REFORM believe the variance provisions are more limiting than found in state statute and subject entities to the same tests for performance of a Use Attainability Analysis (UAA). These commenters believed a wider consideration of flexibility offered by state statute at 644.061, RSMo, including limits of

treatment technology, should be considered in the rule. Barr Engineering et al. and city of Springfield further commented that the rule should reference state statute for public participation purposes and include language requiring state attorney general certification, in lieu of rulemaking, prior to submitting variances to EPA for approval. AMCA commented that section 12(a)(3) relating to prohibitions of variances for narrative criteria was vague and must be deleted. Kansas City Water Services Department and Newman, Comley & Ruth were concerned the variance definition at 10 CSR 20-7.031(1)(X) contained language requiring EPA approval. The United States Environmental Protection Agency is supportive of variance authorizing provisions that offer short term relief to permit holders when a water quality standard can't be achieved due to one or more of the factors identification in federal regulation at 40 CFR 131.10(g).

RESPONSE AND EXPLANATION OF CHANGE: The department included variance authorizing provisions in the proposed amendment to ensure that variances result in improvements in water quality, gain efficiencies in the permitting and water quality standards administration process, and add general clarification of applicability to the rule. The proposed variance authorizing provisions provide permitted facilities the opportunity to seek a temporary modification to the designated use and associated water quality criteria that would otherwise be applicable without the variance. A variance is a temporary relaxation of water quality standards and is granted for a specific pollutant and beneficial use and does not otherwise modify the underlying water quality standard for the receiving water. The allowed reasons for a variance are the same as for beneficial use changes under a use attainability analysis.

Federal regulation at 40 CFR 131.13 states that "States may, at their discretion, include in their State standards, policies generally affecting their application and implementation, such as mixing zones, low flows and variances." The regulation goes on to state that "Such policies are subject to EPA review and approval." EPA guidance and memoranda have elaborated on or clarified the role of variances in administration of state water quality standards. Such clarification included providing information regarding what factors should be considered when granting variances (e.g., Johnson 1985). While EPA has stated that variance procedures involve the same substantive and procedural requirements as removing a designated use, variances are discharger and pollutant specific, time-limited and do not modify the underlying use. EPA has been clear in stating that variances from water quality standards can be approved, provided the state demonstrates that meeting the standard is unattainable based on one or more of the factors outlined in 40 CFR 131.10(g).

In short, variances allow for site-specific and time-limited consideration of use attainability. The proposed variance authorizing provisions would play a key role in providing permitted facilities sufficient time to comply with new requirements now and in the future. In cases where affordability becomes an issue, a variance could be used instead of designated use removal as the water quality standard could ultimately be attained given enough time or resources. By maintaining the standard rather than changing it, the department and commission would ensure that progress is made to improve water quality and attain the standard. With variances, operating permits could be written such that reasonable progress is made toward attaining applicable water quality goals without violating federal and state clean water law that require compliance with water quality standards. These provisions would ultimately prove to be mutually beneficial for both the department and interested permitted entities. The department does not believe that the proposed requirement to address attainability per 40 CFR 131.10(g) is unduly limiting or incongruent with state statute at 644.061, RSMo. However, the department does recognize that affordability provisions and flexibility should be taken into consideration when drafting timelines for variances and schedules of compliance.

The department agrees that additional language referencing state statute for public participation purposes in the variance authorizing

provision, and including language requiring attorney general certification, will streamline the process and approvability of variances. To this end, the department has included language in the proposed amendment at 10 CSR 20-7.031(12) similar to that supplied by Barr Engineering et al. and city of Springfield. The department has also modified the language to consistently reference "applicant" rather than "permittee". In regard to 10 CSR 20-7.031(1)(X), the department agrees that the definition of variance need not include language addressing EPA approval and, as a result, this language has been removed. Additional language has also been included to include reference to 644.061, RSMo. Regarding variances and general criteria, protection of narrative "free from" criteria is a requirement of federal and state clean water law that must be met at all times, including variances.

GENERAL WRITTEN COMMENT #13—Request to Exclude Urban Waters from Presumed Use Designation: city of Branson; city of Springfield; and Metropolitan St. Louis Sewer district provide maps and/or narrative requesting that urban waters within their jurisdiction not receive default Clean Water Act Section 101(a) "fishable/swimmable" presumed use designations.

RESPONSE: The department appreciates the information and maps provided by the commenters for consideration as exclusions from application of presumptive beneficial uses. Given the proposed language in paragraph (2)(D)3. has not yet been promulgated, entities requesting that specific waters be excluded from presumptive "fishable/swimmable" designated uses may resubmit such requests following the effective date of the rule. The department will provide a written determination and, where such requests involve changes to water quality standards, will submit the determination as a water quality standards change during the next review.

Regarding the city of Branson's request, no stream flow or other data was provided to conduct a use attainability analysis under 40 CFR 131.10(g)2 for ephemeral waters on the 1:100,000 scale NHD within the city's boundaries. Additionally, no scientific justification was given for excluding Clean Water Act Section 101(a) uses for waters that may fall within the political boundaries of the city. No changes were made as a result of this comment.

Regarding the city of Springfield's request, the city provided a list and a map of streams that it contends are manmade structures or that have no water and therefore should not be included in the 1:100,000 scale NHD dataset. However, no documentation or evidence to support these claims has been provided and no stream flow or other data was provided to conduct a use attainability analysis under 40 CFR 131.10(g)2. for ephemeral waters on the 1:100,000 scale NHD within the city's boundaries. The flow lines shown in Springfield's map are included in the MoRAP Valley Segment Type (VST) and 1:100,000 scale NHD data and are consistent with the proposed rule amendment language. In some instances, there are lines shown as being "natural" that flow into an "engineered" channel and then into a currently classified water indicating that the stream likely existed in the first place and was not a "manmade conveyance." Similarly, there are instances of natural segments that are separated by engineered channels, again making it likely that these were continuous natural streams and not constructed manmade conveyances. The NHD contains descriptions for some manmade objects such as pipelines, canals, aqueducts, etc., but none of the streams in Springfield have these labels associated with them (i.e., they are labeled as perennial or intermittent streams). Springfield also notes that some of the flow lines in the proposed dataset are actually where ponds or lakes are located. In some instances, there are lakes on these segments that are proposed for classification. No changes were made as a result of this comment.

Regarding Metropolitan St. Louis Sewer District's (MSD) request, the district provided a pair of maps containing streams that it contends extend beyond the 1:100,000 scale NHD extent proposed to receive Clean Water Act Section 101(a) uses. The two (2) maps provided by MSD show the 1:100,000 scale NHD overlaying the proposed stream

flow lines. While the maps are accurate, a better analysis would have been to compare the MoRAP VST line segments used to fill in gaps in the line network with the proposed flow lines. Many of the additional lines noted in the maps are a result of this aspect of the line work creation process. The department agrees that there are instances in which the proposed line work extends slightly further upstream than the 1:100,000 scale extent. However, this slight extension is an artifact of the flow line reach geometry as the lines were imported into the framework and are necessary to maintain continuity in the flow lines for flow trace applications such as those used in ePermitting. The proposed segments still comport with the proposed amendment language that applies default presumed uses to the 1:100,000 scale NHD. No changes were made as a result of this comment.

SPECIFIC WRITTEN COMMENT #1—Designated Use Attainment (10 CSR 20-7.031(1)(C)): Newman, Comley & Ruth P.C. provided comments requesting clarification of language in the proposed amendment regarding attainment of designated uses (Comment 1) and what constitutes a wide variety of aquatic life (Comment 4).

RESPONSE: The language referenced by Comment 1 is located in the proposed amendment at 10 CSR 20-7.031(1)(C) and was derived from the federal definition of “designated use” at 40 CFR 131.3(f). This language is found in the current, effective rule at this location and is being reincorporated into the proposed amendment. No change was made as a result of this comment. The language referenced by Comment 4 is located in the proposed amendment at 10 CSR 20-7.031(1)(C)1.A., B., and C. This language regarding the type of biological diversity that can be expected for a designated use can also be found in the current, effective rule for warm, cold, and cool-water fishery designations, respectively. No change was made as a result of this comment.

SPECIFIC WRITTEN COMMENT #2—General Criteria (10 CSR 20-7.031(4)): AMCA (Comment 2) commented that general criteria are not applicable to mixing zones and requested existing language at 10 CSR 20-7.031(4) and (4)(I) be removed. The comment heading incorrectly referenced paragraph (2)(G)4. as the location of the text in the proposed amendment.

RESPONSE: Existing language in 10 CSR 20-7.031(4) clearly provides that Missouri’s water quality standards with respect to narrative/general/free from criteria apply to all waters of the state, including mixing zones. The rule as proposed in the June 17, 2013 *Missouri Register* (38 MoReg 939–1069) would not alter this concept, and the department does not plan to alter this concept at this time. No changes were made as a result of this comment.

SPECIFIC WRITTEN COMMENT #3—Document and Rule References (10 CSR 20-7.031): EPA provided comments regarding updating of references to sections within the proposed amendment (Comment No. 11) as well as references to documents and geospatial datasets (Comments No. 12 & 15, and 13 & 14 respectively). EPA also commented that reference to 10 CSR 20-7.050 (Comment 14) may not be appropriate.

RESPONSE AND EXPLANATION OF CHANGE: The department appreciates the comments regarding needed updates to references within the proposed amendment as well as references to documents and geospatial datasets. The department has made or verified the revisions and updates mentioned in the comments.

SPECIFIC WRITTEN COMMENT #4—Schedule of Compliance Provision (10 CSR 20-7.031(11)): EPA commented in support of the department’s proposed rule amendment to update the schedule of compliance language at 10 CSR 20-7.031(11)

RESPONSE: The department appreciates EPA’s support of the proposed amendment language and appreciates the agency’s assistance on this matter. No changes were made as a result of this comment.

SPECIFIC WRITTEN COMMENT #5—Cold Water Fishery Designations for Roark Creek and Bee Creek, Taney County (10 CSR 20-7.031, Table C): city of Branson questions the validity of cold water fishery stream designations on three (3) miles of Roark Creek and one (1) mile of Bee Creek in 10 CSR 20-7.031, Table C. **RESPONSE:** The department’s records show both Roark Creek and Bee Creek in Taney County were designated as cold-water fisheries in December 12, 1987. The proposed rule amendment recently placed on public notice does not include revisions to the cold-water designations of these streams. As required under CFR 131.10(j), a use attainability analysis must be performed when adopting a subcategory of a use that requires less stringent criteria. Since revising the cold-water fishery use designation to a warm-water fishery would result in less stringent criteria (e.g., temperature and dissolved oxygen), a use attainability analysis is required. In order to revise the designations to warm-water segments, the city will need to perform a use attainability analysis and submit it to the department for consideration in a future rulemaking. While the department reviews the Water Quality Standards rule at least once every three (3) years as required by the Clean Water Act, the next triennial review rulemaking is anticipated to begin early 2014. No changes were made as a result of this comment.

SPECIFIC WRITTEN COMMENT #6—Stream and Lake Features Associated with Ameren’s Energy Centers (10 CSR 20-7.031, Tables G & H): Ameren Missouri questions the inclusion of features in the proposed stream and lake datasets and that consequently may receive default “fishable/swimmable” Clean Air Act Section 101(a)(2) uses under the proposed amendment.

RESPONSE: The department has reviewed the features requested to be removed from the proposed lake dataset by Ameren Missouri:

The first stream feature requested to be removed is described as “Callaway Energy Center – NPDES Permit No. MO-0098001, Callaway County, 1”. The appearance that a 1:24,000 flow line extends further upstream than the 1:100,000 flow line is caused by the different scales of accuracy for which the streams were originally mapped on the topographic maps. The National Hydrography Datasets depict streams as reaches according to the scale of the map used. The 1:100,000-extent does not represent the distance upstream on a single reach but rather the scale at which streams were mapped. If a reach was in the 1:100,000 NHD, then the corresponding reach in the 1:24,000 NHD was included in the proposed dataset. Matching data using entire stream reaches removes assumptions and inaccuracies that will result from trying to pinpoint where a 1:100,000 flow line “stops” on a 24,000 flow line. This stream segment is included in the 1:100,000 NHD, and coordinates with the 1:24,000 NHD flow line in the proposed stream dataset. Additionally, the stream segment resides entirely on public land. The inclusion of this feature comports with the proposed amendment language at 10 CSR 20-7.031(2)(A)3. and the feature does not appear to meet the exclusionary language in the federal definition of “Waters of the United States” at 40 CFR 122.2. The stream segment will be retained in the proposed dataset. The pond is not included in the 1:100,000 NHD lakes dataset, but intersects the proposed stream feature and resides entirely on the Reform Conservation Area. The department may propose the pond for use designation during future review of the standards. No changes were made as a result of this comment.

The second stream feature requested to be removed is described as “NPDES Permit No. MO-0098001, Callaway County, 2”. This stream segment is included in the 1:100,000 NHD, and coordinates with the 1:24,000 NHD flow line in the proposed stream dataset. Additionally, the stream segment resides entirely on public land. The inclusion of this feature comports with the proposed amendment language at 10 CSR 20-7.031(2)(A)3. and the feature does not appear to meet the exclusionary language in the federal definition of “Waters of the United States” at 40 CFR 122.2. The stream segment will be retained in the proposed dataset. The pond is not included in

the 1:100,000 NHD lakes dataset, but intersects the proposed stream feature and resides entirely on the Reform Conservation Area. The department may propose the pond for use designation during future review of the standards. No changes were made as a result of this comment.

The first lake feature requested to be removed is described as “Taum Sauk Energy Center – NPDES Permit No. MO0001082, Reynolds County, 1”. This lake is included in the 1:100,000 NHD lakes dataset, and intersects the 1:100,000 NHD flow line. Additionally, the Upper Reservoir cycles water to and from the Lower Reservoir classified in Table G, requiring protection of downstream uses. The inclusion of this feature comports with the proposed amendment language at 10 CSR 20-7.031(2)(A)4. and the feature does not appear to meet the exclusionary language in the federal definition of “Waters of the United States” at 40 CFR 122.2. The stream segment will be retained in the proposed dataset. The department recommends submitting formal documentation supporting the Upper Reservoir was determined not to be “Waters of the United States”. After reviewing supporting documentation, the department may propose removal of lake and stream features in a future rule-making. No changes were made as a result of this comment.

The second lake feature requested to be removed is described as “Taum Sauk Energy Center – NPDES Permit No. MO0001082, Reynolds County, 2”. This lake is included in the 1:100,000 NHD lakes dataset, and intersects the 1:100,000 NHD flow line. The inclusion of this feature comports with the proposed amendment language at 10 CSR 20-7.031(2)(A)4. and the feature does not appear to meet the exclusionary language in the federal definition of “Waters of the United States” at 40 CFR 122.2. The stream segment will be retained in the proposed dataset. No changes were made as a result of this comment.

The third stream feature requested to be removed is described as “Taum Sauk Energy Center – NPDES Permit No. MO0001082, Reynolds County, 3”. This stream segment is included in the 1:100,000 NHD, and coordinates with the 1:24,000 NHD flow line in the proposed stream dataset. Additionally, the stream segment connects the Upper and Lower Reservoirs, requiring protection of downstream uses. However, the department recognizes the unique nature of this water body and invites Ameren to submit additional information and details to further the discussion on appropriate use designations for this segment, if any. Therefore, due to the lack of information sufficient to remove the use pursuant to 40 CFR 131.10(g), the stream segment will be retained in the proposed dataset for this rulemaking. No changes were made as a result of this comment.

The fourth stream feature requested to be removed is described as “Taum Sauk Energy Center – NPDES Permit No. MO0001082, Reynolds County, 4”. This stream segment is included in the 1:100,000 NHD, and coordinates with the 1:24,000 NHD flow line in the proposed stream dataset. The segment is not included as a lake in the 1:100,000 NHD. Additionally, the department will consider the description of the Lower Reservoir and stream segment when it performs maintenance of the NHD in the Upper Black watershed. The inclusion of this feature comports with the proposed amendment language at 10 CSR 20-7.031(2)(A)3. and the feature does not appear to meet the exclusionary language in the federal definition of “Waters of the United States” at 40 CFR 122.2. The stream segment will be retained in the proposed dataset. No changes were made as a result of this comment.

The fifth and sixth stream features requested to be removed are described as “Taum Sauk Energy Center – NPDES No. MO0001082, Reynolds County, (5 & 6)”. These stream segments are included in the 1:100,000 NHD, and are within the Lower Reservoir that is included in the proposed lake dataset. The department will remove proposed stream segments that are completely within proposed lakes in the dataset. No changes were made as a result of this comment.

The third and fourth lake features requested to be removed are described as “Sioux Energy Center – NPDES Permit No. MO0000353, St. Charles County”. These lakes are included in the

1:100,000 NHD, and intersect 1:100,000 NHD flow lines. The inclusion of these features comport with the proposed amendment language at 10 CSR 20-7.031(2)(A)4. and the features do not appear to meet the exclusionary language in the federal definition of “Waters of the United States” at 40 CFR 122.2. The lake features will be retained in the proposed dataset. No changes were made as a result of this comment.

SPECIFIC WRITTEN COMMENT #7—Lake Features Associated with The Doe Run Company’s Resource Recycling Division: The Doe Run Company’s Resource Recycling Division questions the inclusion of certain lake features in the proposed Missouri Use Designation Dataset and that would consequently receive default “fishable/swimmable” Section 101(a)(2) use designations under the proposed amendment at 10 CSR 20-7.031(2)(A)4.

RESPONSE AND EXPLANATION OF CHANGE: The department has reviewed the features requested to be removed from the proposed lake dataset by The Doe Run Company:

The first lake feature requested to be removed from the dataset is described as “Impoundment E”. This impoundment corresponds to a water body on Crooked Creek at the location of -91.129253 longitude, 37.639138 latitude. While the NHD flow line for Crooked Creek at this location was inadvertently omitted from the stream dataset, there is 1:100,000 NHD and Valley Segment Type (VST) line work intersecting this water body feature. The inclusion of this feature comports with the proposed amendment language at 10 CSR 20-7.031(2)(A)4. and the feature does not appear to meet the exclusionary language in the federal definition of “Waters of the United States” at 40 CFR 122.2. The lake will be retained in the proposed dataset and the 1:100,000 NHD flow line that was inadvertently omitted will be added.

The second lake feature requested to be removed from the dataset is described as “Six Million Gallon Tank and Domestic Lagoon”. The Doe Run Company provided an aerial image and description of the features. Only the domestic lagoon feature is included in the proposed dataset. From the available aerial imagery, it can be seen that this is a wastewater treatment structure and not a lake at -91.134349, 37.637433. The proposed lake polygon appears to be from a lake feature that no longer exists, rather than the existing lagoon. Additionally, the treatment lagoon does not intersect a flow line. The inclusion of this feature does not comport with the proposed amendment language at 10 CSR 20-7.031(2)(A)4. and the feature appears to meet the exclusionary language in the federal definition of “Waters of the United States” at 40 CFR 122.2. The lake has been removed from the proposed dataset.

The third lake feature requested to be removed from the dataset is described as “Mine Water Impoundment”. The impoundment corresponds to a water body on Crooked Creek at the location of -91.125122 longitude, 37.639003 latitude. While the NHD flow line for Crooked Creek at this location was inadvertently omitted from the stream dataset, there is 1:100,000 NHD and Valley Segment Type (VST) line work intersecting this water body feature. The inclusion of this feature comports with the proposed amendment language at 10 CSR 20-7.031(2)(A)4. and the feature does not appear to meet the exclusionary language in the federal definition of “Waters of the United States” at 40 CFR 122.2. The lake will be retained in the proposed dataset and the 1:100,000 NHD flow line that was inadvertently omitted will be added.

SPECIFIC WRITTEN COMMENT #8—Lake Features Associated with The Doe Run Company’s Southeast Missouri Mining and Milling Division: The Doe Run Company’s Southeast Missouri Mining and Milling Division questions the inclusion of certain lake features in the proposed Missouri Use Designation Dataset and that would consequently receive default “fishable/swimmable” Clean Air Act Section 101(a)(2) use designations under the proposed amendment at 10 CSR 20-7.031(2)(A)4.

RESPONSE: The department has reviewed the features requested to

be removed from the proposed lake dataset by The Doe Run Company:

The first lake feature requested to be removed from the dataset is described as “Sweetwater Mine Tailings Impoundment.” This lake is included in the 1:100,000 NHD lakes dataset as Number 51 Lake, and intersects the 1:100,000 NHD flow line. Additionally, several other 1:100,000 NHD flow lines flow into the lake. The inclusion of this feature comports with the proposed amendment language at 10 CSR 20-7.031(2)(A)4. and the feature does not appear to meet the exclusionary language in the federal definition of “Waters of the United States” at 40 CFR 122.2. The lake will be retained in the proposed dataset. No changes were made as a result of this comment.

The second lake feature requested to be removed from the dataset is described as “Fletcher Mine Dewatering and Stormwater Settling Impoundment.” This lake is included in the 1:100,000 NHD lakes dataset as Fletcher Mine Clarification Basin, and intersects the 1:100,000 NHD flow line. The inclusion of this feature comports with the proposed amendment language at 10 CSR 20-7.031(2)(A)4. and the feature does not appear to meet the exclusionary language in the federal definition of “Waters of the United States” at 40 CFR 122.2. The lake will be retained in the proposed dataset. No changes were made as a result of this comment.

The third lake feature requested to be removed from the dataset is described as “Brushy Creek Mine Water Settling Impoundment.” This lake is included in the 1:100,000 NHD lakes dataset as Number 48 Lake, and intersects the 1:100,000 NHD flow line. The inclusion of this feature comports with the proposed amendment language at 10 CSR 20-7.031(2)(A)4. and the feature does not appear to meet the exclusionary language in the federal definition of “Waters of the United States” at 40 CFR 122.2. The lake will be retained in the proposed dataset. No changes were made as a result of this comment.

The fourth lake feature requested to be removed from the dataset is described as “Brushy Creek Mine Dewatering and Stormwater Impoundment.” This lake is included in the 1:100,000 NHD lakes dataset as Brushy Creek Mine Water Lake, and intersects the 1:100,000 NHD flow line. The inclusion of this feature comports with the proposed amendment language at 10 CSR 20-7.031(2)(A)4. and the feature does not appear to meet the exclusionary language in the federal definition of “Waters of the United States” at 40 CFR 122.2. The lake will be retained in the proposed dataset. No changes were made as a result of this comment.

The fifth lake feature requested to be removed from the dataset is described as “Glover Non-Contact Cooling Water Impoundment.” This lake is included in the 1:100,000 NHD lakes dataset as Asarco Lake, and intersects the 1:100,000 NHD flow line. The inclusion of this feature comports with the proposed amendment language at 10 CSR 20-7.031(2)(A)4. and the feature does not appear to meet the exclusionary language in the federal definition of “Waters of the United States” at 40 CFR 122.2. The lake will be retained in the proposed dataset. No changes were made as a result of this comment.

SPECIFIC WRITTEN COMMENT #9—Losing Stream Segmentation, Dry Fork Creek, Maries County (10 CSR 20-7.031, Table J): The Clorox Company submitted a statement in support of the proposed losing stream segmentation of Dry Fork Creek, Maries County as described in the proposed amendment to 10 CSR 20-7.031, Table J. **RESPONSE:** The department appreciates the support and assistance of the Clorox Company to amend the entry for Dry Fork Creek, Maries County with this rulemaking. No changes were made as a result of this comment.

SPECIFIC WRITTEN COMMENT #10—Single Pass Cooling Water: Cannon Design submitted a comment requesting clarification whether the state of Missouri has policy or regulation that would discourage or eliminate the use of single-pass water for cooling of equipment. The comment states that elimination of single pass cooling is considered a priority by the EPA and is banned in St. Louis. **RESPONSE:** The comment does not address a proposed change to the proposed water quality standards amendment. No changes were

made as a result of this comment.

SPECIFIC WRITTEN COMMENT #11—Metropolitan No-Discharge Stream Language (10 CSR 20-7.031(7)): United States Environmental Protection Agency provided comments and alternate language addressing metropolitan no-discharge streams (Comment 16).

RESPONSE: The comment does not address a proposed change to the proposed water quality standards amendment. No changes were made as a result of this comment.

SPECIFIC WRITTEN COMMENT #12—The Missouri Coalition for the Environment provided a comment suggesting the department incorporate EPA guidance for ammonia chronic toxicity (Comment 5).

RESPONSE: The department appreciates the comment from the Missouri Coalition for the Environment regarding incorporation of a four (4)-day average ammonia as nitrogen criteria of not to exceed two and one-half (2.5) times the chronic criteria. While the department agrees that a short-term average ammonia criteria may be needed, the change was not included in the proposed amendment pending action by EPA to establish new ammonia water quality criteria. On August 22, 2013 EPA promulgated its final *Aquatic Life Ambient Water Quality Criteria for Ammonia – Freshwater (2013)* as national recommended aquatic life ambient water quality criteria. The department intends to incorporate EPA's new 2013 criteria for ammonia, including the not to exceed two and one-half (2.5) times chronic limit, into Missouri's water quality standards at the next review. No changes were made as a result of this comment.

SUPPLEMENTAL COMMENT RESPONSE—Following publication of the draft Order of Rulemaking to the Clean Water Commission web site on October 30, 2013, the department received questions about the proposed amendment revisions at 10 CSR 20-7.031(2) and the response to comments. In order to answer questions and resolve comments, the department has developed revised language at 10 CSR 20-7.031(2). The revised language describes waters that may be eligible for exclusion from the presumptive “fishable/swimmable” use designation at paragraph (2)(D)1. provided reasonable evidence is available and presented to the department for consideration. The department notes that the exclusion at paragraph (2)(D)3. should not be viewed as a revision to water quality standards with the current rulemaking. Rather, this exclusionary language establishes a framework for refining the Missouri Use Designation Dataset for waters or structures that fit into the categories established in that section of the proposed amendment. Where reasonable evidence is available and received by the department, the department will make a written determination whether or not presumptive “fishable/swimmable” designated uses apply to specific water body segments or features. To the extent that future determinations by the department under paragraph (2)(D)3. may be revisions to water quality standards, the department will reflect these changes in state water quality standards and will submit such changes to EPA for review and approval for Clean Water Act purposes following public notice and commission approval.

Given the proposed language in paragraph (2)(D)3. has not yet been promulgated, entities requesting that specific waters be excluded from presumptive “fishable/swimmable” designated uses may resubmit such requests following the effective date of the rule. The department will provide a written determination and, where such requests involve changes to water quality standards, will submit the determination as a water quality standards change during the next review.

10 CSR 20-7.031 Water Quality Standards

(1) Definitions.

(C) Designated uses. Uses specified for each water body whether or not they are being attained. Uses are designated according to section (2) of this rule and include, but are not limited to—

1. Protection and propagation of fish, shellfish, and wildlife. Streams will be designated to one of the following aquatic habitat protection uses based on watershed size, scale within the stream network and other hydrological and physical data. Lakes and reservoirs will be designated to one of the following aquatic habitat protection uses based on limnological characteristics (such as temperature) and biological assemblages.

A. Warm Water Habitat (WWH)—Waters in which naturally-occurring water quality and habitat conditions allow the maintenance of a wide variety of warm-water biota—

- (I) Warm water habitat (Great River);
- (II) Warm water habitat (Large River);
- (III) Warm water habitat (Small River);
- (IV) Warm water habitat (Creek);
- (V) Warm water habitat (Headwater); and
- (VI) Warm water habitat (Lake or reservoir).

B. Cool Water Habitat (CLH)—Waters in which naturally-occurring water quality and habitat conditions allow the maintenance of a wide variety of cool-water biota. These waters can support a sensitive, high-quality sport fishery (i.e., smallmouth bass and rock bass)—

- (I) Cool water habitat (Large River);
- (II) Cool water habitat (Small River);
- (III) Cool water habitat (Creek);
- (IV) Cool water habitat (Headwater); and
- (V) Cool water habitat (Lake or reservoir).

C. Cold Water Habitat (CDH)—Waters in which naturally-occurring water quality and habitat conditions allow the maintenance of a wide variety of cold-water biota. These waters can support a naturally reproducing or stocked trout fishery and populations of other cold-water species—

- (I) Cold water habitat (Large River);
- (II) Cold water habitat (Small River);
- (III) Cold water habitat (Creek);
- (IV) Cold water habitat (Headwater); and
- (V) Cold water habitat (Lake or reservoir).

D. Ephemeral Aquatic Habitat (EAH)—Waters having surface flow or pools in response to precipitation events or snow melt, but without permanent surface flow or permanent pools; naturally-occurring water quality and habitat conditions may allow the maintenance of a limited or transient community of aquatic biota.

E. Modified Aquatic Habitat (MAH)—Waters in which natural habitat conditions have been physically, chemically or biologically modified; habitat and resulting water quality conditions may prevent the maintenance of a wide variety or diversity of aquatic biota.

F. Limited Aquatic Habitat (LAH)—Waters in which natural habitat conditions have been substantially and irretrievably altered; habitat and resulting water quality conditions do not allow maintenance of aquatic biota, or if present, the community is of poor variety or diversity.

2. Recreation in and on the water. Assignment of these uses does not grant an individual the right to trespass.

A. Whole body contact recreation (WBC)—Activities involving direct human contact with waters of the state to the point of complete body submergence. The water may be ingested accidentally and certain sensitive body organs, such as the eyes, ears, and the nose, will be exposed to the water. Although the water may be ingested accidentally, it is not intended to be used as a potable supply unless acceptable treatment is applied. Waters so designated are intended to be used for swimming, water skiing, or skin diving.

(I) Category A (WBC-A)—This category applies to waters that have been established by the property owner as public swimming areas welcoming access by the public for swimming purposes and waters with documented existing whole body contact recreational use(s) by the public. Examples of this category include, but are not limited to: public swimming beaches and property where whole body contact recreational activity is open to and accessible by the public

through law or written permission of the landowner.

(II) Category B (WBC-B)—This category applies to waters designated for whole body contact recreation not contained within category A.

B. Secondary contact recreation (SCR)—Uses include fishing, wading, commercial and recreational boating, any limited contact incidental to shoreline activities, and activities in which users do not swim or float in the water. These recreational activities may result in contact with the water that is either incidental or accidental and the probability of ingesting appreciable quantities of water is minimal.

3. Human health protection (HHP)—Criteria to protect this use are based on the assumption of an average amount of fish consumed on a long-term basis. Protection of this use includes compliance with Food and Drug Administration (FDA) limits for fish tissue, maximum water concentrations corresponding to the 10^{-6} cancer risk level, and other human health fish consumption criteria.

4. Irrigation (IRR)—Application of water to cropland or directly to cultivated plants that may be used for human or livestock consumption. Occasional supplemental irrigation, rather than continuous irrigation, is assumed.

5. Livestock and wildlife protection (LWP)—Maintenance of conditions in waters to support health in livestock and wildlife.

6. Drinking water supply (DWS)—Maintenance of a raw water supply which will yield potable water after treatment by public water treatment facilities.

7. Industrial water supply (IND)—Water to support various industrial uses; since quality needs will vary by industry, no specific criteria are set in these standards.

8. Storm- and flood-water storage and attenuation (WSA)—Wetlands and other waters which serve as overflow and storage areas during flood or storm events slowly release water to downstream areas, thus lowering flood peaks and associated damage to life and property.

9. Habitat for resident and migratory wildlife species, including rare and endangered species (WHP)—Wetlands and other waters that provide essential breeding, nesting, feeding, and predator escape habitats for wildlife including waterfowl, birds, mammals, fish, amphibians, and reptiles.

10. Recreational, cultural, educational, scientific, and natural aesthetic values and uses (WRC)—Wetlands and other waters that serve as recreational sites for fishing, hunting, and observing wildlife; waters of historic or archaeological significance; waters which provide great diversity for nature observation, educational opportunities, and scientific study.

11. Hydrologic cycle maintenance (WHC)—Wetlands and other waters hydrologically connected to rivers and streams serve to maintain flow conditions during periods of drought. Waters that are connected hydrologically to the groundwater system recharge groundwater supplies and assume an important local or regional role in maintaining groundwater levels.

(F) Class—All waters listed in the Missouri Use Designation Dataset and in Table G and Table H of this rule shall have a hydrologic class. During normal flow periods, some rivers back water into tributaries which do not otherwise have a hydrologic class. These permanent backwater areas are considered to have the same hydrologic class as the water body into which the tributary flows.

1. Class L1—Lakes used primarily for public drinking water supply.

2. Class L2—Major reservoirs.

3. Class L3—Other lakes which are waters of the state. These include both public and private lakes. For effluent regulation purposes, publicly-owned L3 lakes are those for which a substantial portion of the surrounding lands are publicly owned or managed.

4. Class P—Streams that maintain permanent flow even in drought periods.

5. Class P1—Standing-water reaches of Class P streams.

6. Class C—Streams that may cease flow in dry periods but maintain permanent pools which support aquatic life.

7. Class E—Streams that do not maintain permanent surface flow or permanent pools, but have ephemeral surface flow or pools in response to precipitation events.

8. Class W—Wetlands that are waters of the state that meet the criteria in the *Corps of Engineers Wetlands Delineation Manual* (January 1987), and subsequent federal revisions and supplements. Class W waters do not include wetlands that are artificially created on dry land and maintained for the treatment of mine drainage, stormwater control, drainage associated with road construction, or industrial, municipal, or agricultural waste.

(P) Missouri Use Designation Dataset—A digital geospatial dataset used in conjunction with geographic information systems and maintained by the department. This dataset documents the names and locations of the state's rivers, streams, lakes and reservoirs which have been assigned designated uses. The initial version of this dataset, as adopted on November 6, 2013, reflects Tables G and H plus any additional presumptive uses described in section (2). The dataset will also include information regarding both pending and approved determinations, variances, use attainability analyses and water quality standards revisions. The dataset uses the geospatial framework provided by the National Hydrography Dataset and is enhanced and supported by hydrological and physical information obtained through the Missouri Resource Assessment Partnership (MoRAP) and other scientific sources. The dataset is limited in geographic extent to the state of Missouri.

(Q) Mixing zone—An area of dilution of effluent in the receiving water beyond which chronic toxicity criteria must be met.

(R) National Hydrography Dataset (NHD)—A digital vector dataset used in conjunction with geographic information systems to describe the location of rivers, streams, lakes, reservoirs, and other surface water features. As applied in this rule, the term refers to the 1:100,000 scale dataset generated by the United States Geological Survey. This dataset provides the geospatial framework for the Missouri Use Designation Dataset.

(S) Outstanding national resource waters—Waters which have outstanding national recreational and ecological significance. These waters shall receive special protection against any degradation in quality. Congressionally-designated rivers, including those in the Ozark national scenic riverways and the wild and scenic rivers system, are so designated (see Table D).

(T) Outstanding state resource waters—High quality waters with a significant aesthetic, recreational, or scientific value which are specifically designated as such by the Clean Water Commission (see Table E).

(U) Ozark streams—Streams lying within the Ozark faunal region as described in the *Aquatic Community Classification System for Missouri*, Missouri Department of Conservation, 1989.

(V) Reference lakes or reservoirs—Lakes or reservoirs determined by Missouri Department of Natural Resources to be the best available representatives of ecoregion waters in a natural condition with respect to habitat, water quality, biological integrity and diversity, watershed land use, and riparian conditions.

(W) Reference stream reaches—Stream reaches determined by the department to be the best available representatives of ecoregion waters in a natural condition, with respect to habitat, water quality, biological integrity and diversity, watershed land use, and riparian conditions.

(X) Regulated-flow streams—A stream that derives a majority of its flow from an impounded area with a flow-regulating device.

(Y) Use Attainability Analysis (UAA)—A structured scientific assessment of the factors affecting the attainment of the use which may include physical, chemical, biological, and economic factors as described in 40 CFR 131.10(g).

(Z) Variance—A temporary modification to 10 CSR 20-7.031 that is deemed necessary in accordance with section (12) of this rule.

(AA) Water effect ratio—Appropriate measure of the toxicity of a

material obtained in a site water divided by the same measure of the toxicity of the same material obtained simultaneously in a laboratory dilution water.

(BB) Water hardness—The total concentration of calcium and magnesium ions expressed as calcium carbonate. For purposes of this rule, hardness will be determined by the lower quartile (twenty-fifth percentile) value of a representative number of samples from the water body in question or from a similar water body at the appropriate stream flow conditions.

(CC) Water quality criteria—Chemical, physical, and biological properties of water that are necessary to protect beneficial water uses.

(DD) Waters of the state—All rivers, streams, lakes, and other bodies of surface and subsurface water lying within or forming a part of the boundaries of the state which are not entirely confined and located completely upon lands owned, leased, or otherwise controlled by a single person or by two (2) or more persons jointly or as tenants in common and includes waters of the United States lying within the state.

(EE) Wetlands—Those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas. This definition is consistent with both the United States Army Corps of Engineers wetlands definition at 33 CFR 328.3(b) and the United States Environmental Protection Agency wetlands definition at 40 CFR 232.2(r).

(FF) Whole effluent toxicity tests—A toxicity test conducted under specified laboratory conditions on specific indicator organisms. To estimate chronic and acute toxicity of the effluent in its receiving stream, the effluent may be diluted to simulate the computed percent effluent at the edge of the mixing zone or zone of initial dilution.

(GG) Zone of initial dilution—A small area of initial mixing below an effluent outfall beyond which acute toxicity criteria must be met.

(HH) Zone of passage—A continuous water route necessary to allow passage of organisms with no acutely toxic effects produced on their populations.

(II) Other definitions as set forth in the Missouri Clean Water Law and 10 CSR 20-2.010 shall apply to terms used in this rule.

(2) Designation of Uses.

(A) Rebuttable presumption. Consistent with the presumptive beneficial use protections described by 40 CFR Part 131 and section 101(a)(2) of the federal Clean Water Act—

1. All perennial rivers and streams;
2. All streams with permanent pools;

3. All rivers and streams included within the 1:100,000 scale National Hydrography Dataset (NHD) described in subsection (1)(R) of this rule; and

4. All lakes and reservoirs that intersect the flow lines of rivers and streams identified in paragraph (2)(A)3. of this rule, shall be presumed to support the following designated uses: aquatic habitat protection; human health protection; whole body contact recreation – Category B; and secondary contact recreation, as defined in this rule. This presumption is rebuttable subject to demonstration based on use attainability analyses as described in subsection (2)(F) of this rule.

(B) Presumed Uses. All waters described in subsection (2)(A) shall also be assigned livestock and wildlife protection and irrigation designated uses, as defined in this rule.

(C) Other Uses. Use designations other than those mentioned in subsections (2)(A) and (2)(B) of this rule may be applied to waters identified in subsection (2)(A), Table G and Table H of this rule on a site-specific, case-by-case basis following approval by the Clean Water Commission and U.S. Environmental Protection Agency.

(D) Use Designation. Uses of waters shall be designated as follows—

1. Designated uses applied to individual water bodies or stream segments pursuant to subsections (2)(A) through (2)(C) of this rule shall include those identified in Tables G and H and in the Missouri Use Designation Dataset maintained by the department, except as described in paragraph (2)(D)3. of this rule.

2. Designated uses may be assigned on a case-by-case basis to water bodies or stream segments not otherwise represented in Tables G and H or in the Missouri Use Designation Dataset but falling within the jurisdiction of the Missouri Clean Water Law.

3. Assuming reasonable evidence, presumptive beneficial use protections described above shall not apply to water bodies without designated uses pursuant to Tables G or H prior to November 6, 2013 that meet one of the following criteria:

A. Waste treatment systems, or prior converted cropland, which are excluded from the federal definition of "waters of the United States" under 40 CFR 122.2; or

B. Man-made structures which were constructed solely to treat or convey wastewater; or

C. Man-made bodies of water or structures which lack perennial flow and were constructed to treat, convey, or temporarily hold or slow stormwater following precipitation events (this may include certain structures associated with Best Management Practices such as sediment basins, wet and dry detention basins, bioretention basins, rain gardens, bioswales, etc.); or

D. Water bodies that lack jurisdiction under either the federal Clean Water Act or Missouri Clean Water Law.

After receiving such evidence, the department shall make a written determination regarding the applicability of the above-described presumptions, and such determination shall be subject to appeal pursuant to section 621.250, RSMo.

(E) Missouri Use Designation Dataset. The department shall maintain the geospatial dataset described in subsection (1)(P) of this rule. Future revisions to water quality standards in the State of Missouri shall be reflected in the Missouri Use Designation Dataset and shall take effect upon approval by the Clean Water Commission and U.S. Environmental Protection Agency.

(F) Use Attainability. Demonstrations of use attainability for the protection of fish, shellfish and wildlife, recreation in and on the water, or human health protection shall assess the physical, chemical, biological, economic or other factors affecting the attainment of a use pursuant to 40 CFR 131.10(g). Use attainability analyses intended for other designated uses shall be designed and implemented on a case-by-case basis. In accordance with 40 CFR 131.10(j), the following potential actions must be preceded and supported by a use attainability analysis:

1. Designation of a water body for uses that do not include the protection of fish, shellfish and wildlife, recreation in and on the water, and human health protection;

2. Removal of one or more of the uses identified in paragraph 1. of this section; or

3. Application of any use sub-categories for the protection of fish, shellfish and wildlife, recreation in and on the water, or human health protection which require less stringent criteria.

After receiving such demonstration, the department shall make a written determination regarding the use attainability analysis, and such determination shall be subject to appeal pursuant to section 621.250, RSMo.

(4) General Criteria. The following water quality criteria shall be applicable to all waters of the state at all times including mixing zones. No water contaminant, by itself or in combination with other substances, shall prevent the waters of the state from meeting the following conditions:

(I) Waters in mixing zones, ephemeral aquatic habitat and waters of the state lacking designated uses shall be subject to the following requirements:

(5) Specific Criteria. The specific criteria shall apply to waters con-

tained in Tables G and H of this rule and the Missouri Use Designation Dataset. Protection of drinking water supply is limited to surface waters designated for raw drinking water supply and aquifers. Protection of whole body contact recreation is limited to waters designated for that use.

(A) The maximum chronic toxicity criteria in Tables A and B shall apply to waters designated for the indicated uses given in the Missouri Use Designation Dataset and Tables G and H, except for waters designated for Ephemeral Aquatic Habitat or where less stringent criteria have been developed following a use attainability analysis. All Table A and B criteria are chronic toxicity criteria, except those specifically identified as acute criteria. Water contaminants shall not cause or contribute to concentrations in excess of these values. Table A values listed as health advisory levels shall be used in establishing discharge permit limits and management strategies until additional data becomes available to support alternative criteria, or other standards are established. However, exceptions may be granted in the following cases:

(L) Sulfate and Chloride Limit for Protection of Aquatic Life. Water contaminants shall not cause sulfate or chloride criteria to exceed the levels described in Table A.

(R) Biocriteria. The biological integrity of waters, as measured by lists or numeric indices of benthic invertebrates, fish, algae, or other appropriate biological indicators, shall not be significantly different from reference waters. Waters targeted for numeric biological criteria assessment must be contained within the Missouri Use Designation Dataset and shall be compared to reference waters of similar size, scale within the stream network, habitat type, and aquatic ecoregion type. Reference water locations for some aquatic habitat types are listed in Table I.

(S) Site-Specific Criteria Development for the Protection and Propagation of Fish, Shellfish, and Wildlife. When water quality criteria in this regulation are either underprotective or overprotective of water quality due to factors influencing bioavailability, or non-anthropogenic conditions for a given water body segment, a petitioner may request site-specific criteria. The petitioner must provide the department with sufficient documentation to show that the current criteria are not adequate and that the proposed site-specific criteria will protect all existing and/or potential uses of the water body.

1. Site-specific criteria may be appropriate where, but is not limited to the examples given in subparagraphs A. or B. of this paragraph.

A. The resident aquatic species of the selected water body have a different degree of sensitivity to a specific pollutant as compared to those species in the data set used to calculate the national or state criteria as described in either of the following parts:

(I) Natural adaptive processes have enabled a viable, balanced aquatic community to exist in waters where natural (non-anthropogenic) background conditions exceed the criterion (e.g., resident species have evolved a genetically-based greater tolerance to high concentrations of a chemical); or

(II) The composition of aquatic species in a water body is different from those used in deriving a criterion (e.g., most of the species considered among the most sensitive, such as salmonids or the cladoceran, *Ceriodaphnia dubia*, which were used in developing a criterion, are absent from a water body).

B. The physical and/or chemical characteristics of the water body alter the biological availability and/or toxicity of the pollutant (e.g., pH, alkalinity, salinity, water temperature, hardness). Such an example is the Water Effect Ratio (WER) defined at (1)(AA) of this rule.

2. All petitioners seeking to develop site-specific criteria shall coordinate with the department early in the process. This coordination will ensure the use of adequate, relevant, and quality data; proper analysis and testing; and defensible procedures.

A. The department will provide guidance for establishing site-specific water quality criteria using scientific procedures including, but not limited to, those procedures described in:

(I) U.S. Environmental Protection Agency's *Water Quality Standards Handbook*, Second Edition, August 1994;

(II) U.S. Environmental Protection Agency's *Interim Guidance on Determination and Use of Water-Effect Ratios for Metals* (EPA-823-B-94-001) and subsequent 1997 modifications;

(III) U.S. Environmental Protection Agency's *Streamlined Water-Effect Ratio Procedure for Discharges of Copper* (EPA-822-R-01-005); and

(IV) U.S. Environmental Protection Agency's *Aquatic Life Ambient Freshwater Quality Criteria – Copper 2007 Revision* (EPA-822-R-07-001).

B. Site-specific criteria development for the Protection and Propagation of Fish, Shellfish and Wildlife shall be performed using the guidance documents listed in parts (5)(S)2.A.(I)–(IV) as published by the Office of Science and Technology, Office of Water, U.S. Environmental Protection Agency, Washington, DC 20460, which are hereby incorporated by reference and do not include any later amendments or additions. The department shall maintain a copy of the referenced documents and shall make them available to the public for inspection and copying at no more than the actual cost of reproduction.

3. Site-specific criteria shall protect all life stages of resident species and prevent acute and chronic toxicity in all parts of a water body unless early life stages are determined absent.

4. Site-specific criteria shall include both chronic and acute concentrations to better reflect the different tolerances of resident species to the inherent variability between concentrations and toxicological characteristics of a chemical.

5. Site-specific criteria shall be clearly identified as maximum “not to be exceeded” or average values, and if an average, the averaging period and the minimum number of samples. The conditions, if any, when the criteria apply shall be clearly stated (e.g., specific levels of hardness, pH, or water temperature). Specific sampling requirements (e.g., location, frequency), if any, shall also be identified.

6. The data, testing procedures, and application (safety) factors used to develop site-specific criteria shall reflect the nature of the chemical (e.g., persistency, bioaccumulation potential, and avoidance or attraction responses in fish) and the most sensitive resident species of a water body.

7. The size of a site may be limited to a single water segment, single water subsegment, or may cover a whole watershed depending on the particular situation for which the specific criterion is developed. A group of water bodies may be considered one (1) site if their respective aquatic communities are similar in composition and have comparable water quality.

8. The department shall determine if a site-specific criterion is adequate and justifiable. Each site-specific criterion shall be promulgated into rule 10 CSR 20-7.031. The public notice shall include a description of the affected water body or water body segment and the reasons for applying the proposed criterion. If the department determines that there is significant public interest, a public hearing may be held in the geographical vicinity of the affected water body or water body segment. Any site-specific criterion promulgated under these provisions is subject to U.S. Environmental Protection Agency approval prior to becoming effective.

(12) Variances.

(A) A permittee or an applicant for a National Pollutant Discharge Elimination System (NPDES) or Missouri state operating permit, may pursue a temporary variance to a water quality standard pursuant to either section 644.061 or section 644.062, RSMo. In order to obtain U.S. Environmental Protection Agency approval for a water quality standards variance for purposes of the federal Clean Water Act, the following additional provisions apply:

1. A variance applies only to the applicant identified in such variance and only to the water quality standard specified in the variance. A variance does not modify an underlying water quality stan-

dard.

2. A variance shall not be granted if water quality standards will be attained by implementing technology-based effluent limits required under 10 CSR 20-7.015 of this rule and by implementing cost-effective and reasonable best management practices for non-point source control.

3. A variance shall not be granted for actions that will violate general criteria conditions prescribed by 10 CSR 20-7.031(4).

4. A variance shall not be granted that would likely jeopardize the continued existence of any endangered or threatened species or result in the destruction or adverse modification of such species' critical habitat.

5. A variance may be granted if the applicant demonstrates that achieving the water quality standard is not feasible as supported by an analysis based on the factors provided in 40 CFR 131.10(g), or other appropriate factors.

6. In granting a variance, conditions and time limitations shall be set by the department with the intent that progress be made toward attaining water quality standards.

7. Each variance shall be granted only after public notification and opportunity for public comment. Once any variance to water quality standards is granted, the department shall submit the variance, with an Attorney General Certification that the Clean Water Commission adopted the variance in accordance with state law, to the U.S. Environmental Protection Agency for approval.

Table G-Lake Classifications and Use Designations

NOTE: Fishing, Swimming, irrigation and livestock watering may not be allowed in some lakes by the local management authorities. The use designations refer only to the protection of water quality for those potential uses. Although irrigation is not listed it applies to all waters, as stated in the rule language.

| WATER BODY | CLASS | ACRES | LOCATION | COUNTY(IES) | LWW | AQL | CDF | WBC | SCR | DWS | IND |
|-----------------------------------|-------|---------|--------------------------|------------------|-----|-----|-----|-----|-----|-----|-----|
| 8-20-13 MUDD V1.0 | L3 | 26517.0 | Statewide | Statewide | X | X | | B | X | | |
| Adrian Reservoir | L1 | 45.0 | 03,41N,31W | Bates | X | X | | B | | | X |
| Agate Lake | L3 | 210.7 | 13,60N,06W | Lewis | X | X | | A | X | | |
| Amarugia Lake | L3 | 39.0 | 10/11,43N,32W | Cass | X | X | | B | X | | |
| Anderson's Whippoorwill Farm Lake | L3 | 30.0 | SW SE 28,28N,11E | Stoddard | X | X | | B | | | |
| Anthones Mill Lake | L3 | 91.0 | SW SW 19,39N,01W | Washington | X | X | | B | X | | |
| Antimi Lake | L3 | 2.0 | NE NE 3,48N,12W | Boone | X | X | | B | | | |
| Apollo Lake | L3 | 15.0 | 21,36N,05E | St. Francois | X | X | | B | X | | |
| Appleton City Lake | L1 | 35.0 | 12,39N,29W | Bates | X | X | | B | | | X |
| Archie Lakes | L1 | 7.3 | SESE28,43N,31W | Cass | X | X | | B | | | X |
| Armstrong Lake | L1 | 8.0 | NE NE 28,52N,16W | Howard | X | X | | B | | | X |
| Athens State Park Lake | L3 | 8.0 | 30,67N,07W | Clark | X | X | | A | X | | |
| Atkinson Lake | L3 | 434.0 | NW SE06,37N,28W | St. Clair/Vernon | X | X | | A | X | | |
| Atlanta City Lake | L1 | 17.0 | SE SW29,59N,14W | Macon | X | X | | B | | | X |
| Austin Community Lake | L3 | 21.0 | 30,29N,11W | Texas | X | X | | A | X | | |
| Baha Trail Lake | L3 | 16.0 | 05,39N,01E | Washington | X | X | | B | X | | |
| Baring Country Club Lake | L1 | 81.0 | SE26,63N,12W | Knox | X | X | | A | X | | X |
| Bass Lake | L3 | 29.0 | 13,47N,08W | Callaway | X | X | | A | X | | |
| Bean Lake | L3 | 420.0 | 12,13,14,23, 24, 54N,37W | Platte | X | X | | B | X | | |
| Bear Creek Watershed Lake | L3 | 26.7 | 6,63N,09W | Clark | X | X | | B | X | | |
| Beaver Lake | L3 | 14.0 | 22,25N,04E | Butler | X | X | | A | | | |
| Bee Tree Lake | L3 | 10.0 | 03,42N,06E | St. Louis | X | X | | B | X | | |
| Belcher Branch Lake | L3 | 42.0 | 08/17,55N,34W | Buchanan | X | X | | B | X | | |
| Belle City Lake | L3 | 6.0 | 20,41N,07W | Maries | X | X | | B | | | |
| Ben Branch Lake | L3 | 37.0 | 15/14,44N,08W | Osage | X | X | | B | X | | |
| Berndt Lake | L1 | 21.0 | NE SW30,66N,23W | Mercer | X | X | | B | | | X |
| Bevier Lake | L3 | 5.0 | S SE,14,57N,15W | Macon | X | X | | B | | | |
| Big Buffalo C.A. Lakes | L3 | 7.9 | 2,12,41N,20W | Benton | X | X | | B | | | |
| Big Lake | L3 | 666.0 | 18&19,30,61N,39W | Holt | X | X | | A | X | | |
| Big Oak Tree S.P. Lake | L3 | 33.0 | 14,23N,16E | Mississippi | X | X | | B | | | |
| Big Soldier Lake | L3 | 5.0 | 36,50N,19W | Saline | X | X | | B | X | | |
| Bilby Ranch Lake | L3 | 95.0 | 13/24,64N,38W | Nodaway | X | X | | B | X | | |
| Binder Lake | L3 | 127.0 | SW SE36,45N,13W | Cole | X | X | | B | X | | |
| Blind Pony Lake | L3 | 96.0 | NW SE18,49N,22W | Saline | X | X | | B | X | | |
| Bloodland Lake (Ft. Wood) | L3 | 38.1 | 04,34N,11W | Pulaski | X | X | | B | X | | |
| Blue Mountain Lake | L1 | 14.0 | NW SE,09,33N,5E | Madison | X | X | | B | | | X |
| Blue Springs Lake | L3 | 642.0 | 33 ,49N,31W | Jackson | X | X | | A | X | | |
| Blues Pond | L3 | 10.0 | 09,37N,08W | Phelps | X | X | | B | X | | |
| Bluestem Lake | L3 | 13.0 | 22,47N,31W | Jackson | X | X | | B | X | | |
| Bo Co Mo Lake | L3 | 140.0 | NW NE10,49N,13W | Boone | X | X | | B | X | | |

LWW (LWP) Livestock and Wildlife Watering
AQL (WWH, HHP) Protection of Warm Water Aquatic Life,
Human Health Fish Consumption
CDF (CDH) Cold Water Fishery

WBC Whole Body Contact Recreation
SCR Secondary Contact Recreation
DWS Drinking Water Supply
IND Industrial

* The Water Body Name, Missouri Use Designation Dataset Version 1.0, August 20, 2013 (8-20-2013 MUDD V1.0), refers to all lakes in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table G.

Table G-Lake Classifications and Use Designations

NOTE: Fishing, Swimming, irrigation and livestock watering may not be allowed in some lakes by the local management authorities. The use designations refer only to the protection of water quality for those potential uses. Although irrigation is not listed it applies to all waters, as stated in the rule language.

| WATER BODY | CLASS | ACRES | LOCATION | COUNTY(IES) | LWW | AQL | CDF | WBC | SCR | DWS | IND |
|--|-------|--------|----------------------------|----------------|-----|-----|-----|-----|-----|-----|-----|
| Bodarc Lake | L3 | 13.0 | 23,47N,31W | Jackson | X | X | | B | X | | |
| Boggs Lake | L3 | 32.0 | 21-28,44N,05W | Gasconade | X | X | | B | X | | |
| Bonne Aqua Lake | L3 | 6.0 | SE NE 26,38N,04E | St. Francois | X | X | | B | | | |
| Bonne Terre City Lake | L3 | 10.0 | SUR 467,37N,04E | St. Francois | X | X | | B | | | |
| Bowling Green Lake - Old | L1 | 7.0 | NE NE30,53N,02W | Pike | X | X | | B | | | X |
| Bowling Green Reservoir | L1 | 41.0 | W NW29,53N,02W | Pike | X | X | | B | X | X | |
| Brays Lake | L3 | 162.0 | NE NW35,37N,08W | Phelps | X | X | | B | X | | |
| Breckenridge Lake | L1 | 13.0 | NE SW3,57N,26W | Caldwell | X | X | | B | X | X | |
| Brookfield Lake | L1 | 120.0 | SE SE33,58N,19W | Linn | X | X | | B | | | X |
| Browning Lake | L3 | 120.0 | 22,25,26,27,3N,22E | Buchanan | X | X | | B | X | | |
| Bucklin Lake | L1 | 17.0 | 11,57N,18W | Linn | X | X | | B | | | X |
| Buffalo Bill Lake | L3 | 45.0 | 28,58N,31W | DeKalb | X | X | | B | X | | |
| Bull Shoals Lake | L2 | 9000.0 | 21/34,20N,15W | Ozark | X | X | X | A | X | | |
| Burlington Lake | L3 | 21.0 | 34,57N,30W | Clinton | X | X | | B | | | |
| Busch W.A.- Kraut Run Lake | L3 | 164.0 | SUR 56 (NW NE23,46N,02E) | St. Charles | X | X | | B | | | |
| Busch W.A. No. 35 Lake | L3 | 51.0 | SUR 1669 (NE NE30,46N,03E) | St. Charles | X | X | | B | | | |
| Bushwacker Lake | L3 | 148.0 | 26,34N,32W | Vernon | X | X | | B | X | | |
| Butler Lake | L1 | 71.0 | NW NE14,40N,32W | Bates | X | X | | B | | | X |
| Butterfly Lake | L3 | 65.0 | NW NE34,36N,07E | Ste. Genevieve | X | X | | B | | | |
| C and A Lake | L3 | 39.0 | 25,51N,09W | Audrain | X | X | | B | | | |
| Callaway Lake | L3 | 135.0 | 06,45N,02E | St. Charles | X | X | | A | X | | |
| Cameron Lake #1 | L1 | 25.0 | SW SW10,57N,30W | DeKalb | X | X | | B | X | X | |
| Cameron Lake #2 | L1 | 31.0 | SW SW10,57N,30W | DeKalb | X | X | | B | X | X | |
| Cameron Lake #3 | L1 | 92.0 | NW NE09,57N,30W | DeKalb | X | X | | B | X | X | |
| Cameron Lake #4 (Grindstone Reservoir) | L1 | 173.0 | NE NW 08,57N,30W | DeKalb | X | X | | B | | | X |
| Camp Solidarity Lake | L3 | 10.0 | 24,43N,02E | Franklin | X | X | | B | X | | |
| Carrollton Recreation Lake | L3 | 61.0 | SE NW07,52N,23W | Carroll | X | X | | B | X | | |
| Catclaw Lake | L3 | 42.0 | 14,47N,31W | Jackson | X | X | | B | X | | |
| Cedar Hill Lakes | L3 | 22.6 | 35,42N,03E | Jefferson | X | X | | A | X | | |
| Cedar Lake | L3 | 21.0 | 35,48N,13W | Boone | X | X | | A | X | | |
| Cedar Lake | L3 | 45.0 | SE SE 21,37N,05E | St. Francois | X | X | | A | X | | |
| Charity Lake | L3 | 9.0 | NW SE 1,65N,41W | Atchison | X | X | | B | X | | |
| City Lake #1 - Perry | L1 | 16.0 | NW NW34,54N,07W | Ralls | X | X | | B | | | X |
| City Lake #2 - Perry | L1 | 7.0 | NW34,54N,07W | Ralls | X | X | | B | | | X |
| City Lake Harrisonville | L1 | 28.0 | 34,45N,31W | Cass | X | X | | B | X | X | |
| Clarence Lake #1 | L1 | 20.0 | 15,57N,12W | Shelby | X | X | | B | X | X | |
| Clarence Lake #2 | L1 | 31.0 | 15,57N,12W | Shelby | X | X | | B | X | X | |
| Clearwater Lake | L2 | 1635.0 | NW NE06,28N,03E | Wayne/Reynolds | X | X | | A | X | | |
| Cleveland Reservoir | L1 | 10.0 | 29,45N,33W | Cass | X | X | | B | | | X |
| Clover Dell Park Lake | L3 | 10.0 | 13,45N,22W | Pettis | X | X | | B | X | | |
| Cole Lake | L3 | 40.0 | SE10,38N,04E | Jefferson | X | X | | A | X | | |

LWW (LWP) Livestock and Wildlife Watering
AQL (WWH, HHP) Protection of Warm Water Aquatic Life,
Human Health Fish Consumption
CDF (CDH) Cold Water Fishery

WBC Whole Body Contact Recreation
SCR Secondary Contact Recreation
DWS Drinking Water Supply
IND Industrial

* The Water Body Name, Missouri Use Designation Dataset Version 1.0, August 20, 2013 (8-20-2013 MUDD V1.0), refers to all lakes in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table G.

Table G-Lake Classifications and Use Designations

NOTE: Fishing, Swimming, irrigation and livestock watering may not be allowed in some lakes by the local management authorities. The use designations refer only to the protection of water quality for those potential uses. Although irrigation is not listed it applies to all waters, as stated in the rule language.

| WATER BODY | CLASS | ACRES | LOCATION | COUNTY(IES) | LWW | AQL | CDP | WBC | SCR | DWS | IND |
|-----------------------------|-------|--------|--------------------------------------|--------------|-----|-----|-----|-----|-----|-----|-----|
| Conner O. Fewell C.A. Lakes | L3 | 14.0 | 32,43N,25W | Henry | X | X | | B | X | | |
| Cool Valley Lake | L3 | 19.0 | 09,40N,02E | Franklin | X | X | | B | X | | |
| Cooley Lake | L3 | 380.0 | 02,03,11, 51N,30W | Clay | X | X | | B | | | |
| Coot Lake | L3 | 20.0 | 22,47N,31W | Jackson | X | X | | B | X | | |
| Cosmo-Bethel Lake | L3 | 6.0 | NW36,48N,13W | Boone | X | X | | B | | | |
| Cottontail Lake | L3 | 22.0 | 14,47N,31W | Jackson | X | X | | B | X | | |
| Council Bluff Lake | L3 | 423.0 | 23,35N,01E | Iron | X | X | | A | X | | |
| Crane Lake | L3 | 109.0 | W33,32N,04E | Iron | X | X | | B | X | | |
| Creighton Lake | L1 | 18.0 | NW SE,14,43N,29W | Cass | X | X | | B | | | X |
| Crescent Lake | L3 | 8.0 | NE 02,41N,01W | Franklin | X | X | | B | X | | |
| Creve Coeur Lake | L3 | 327.0 | 20,46N,05E | St. Louis | X | X | | B | X | | |
| Crowder St. Park Lake | L3 | 18.0 | 12,61N,25W | Grundy | X | X | | A | | | |
| Crystal Lake | L3 | 122.0 | NW SW32,53N,29W | Ray | X | X | | A | X | | X |
| Cut-Off Lake | L3 | 148.5 | 01,12,57N,36W | Buchanan | X | X | | B | | | |
| Cut-Off Lake | L3 | 674.0 | 26,27,34,35,53N,19W | Chariton | X | X | | B | | | |
| D C Rogers Lake | L1 | 195.0 | NW NW10,50N,16W | Howard | X | X | | B | X | | X |
| Davis Lake | L3 | 44.0 | NE NW15,50N,16W | Howard | X | X | | B | | | |
| Dearborn Reservoir | L1 | 7.0 | 31,55N,34W | Buchanan | X | X | | B | X | | X |
| Deer Ridge Community Lake | L3 | 39.0 | 18,62N,08W | Lewis | X | X | | B | X | | |
| Dexter City Lake | L3 | 11.0 | 22,25N,10E | Stoddard | X | X | | B | | | |
| DiSalvo Lake | L3 | 210.0 | SW NE19,35N,04E | St. Francois | X | X | | B | X | | |
| Downing Reservoir | L1 | 22.9 | SW SE17,66N,13W | Schuyler | X | X | | B | | | X |
| Drexel City Reservoir South | L1 | 51.0 | 7,42N,33W | Bates | X | X | | B | | | X |
| Drexel Lake | L1 | 28.0 | 6, 42N,33W | Bates | X | X | | B | | | X |
| Duck Creek | L3 | 1730.0 | 31,28N,09E; 5, 27N, 9E | Wayne | X | X | | B | X | | |
| Eagle Sky Lake | L3 | 62.0 | NW NW35,30N,04E | Wayne | X | X | | B | X | | |
| Eagleville Lake | L1 | 40.0 | 33,66N,27W | Harrison | X | X | | A | X | | X |
| East Arrowhead Lake | L3 | 55.0 | SE SE18,23N,08W | Howell | X | X | X | A | | | |
| Edina Lake | L1 | 9.0 | 07,62N,11W | Knox | X | X | | B | X | | X |
| Edina Reservoir | L1 | 51.0 | 12,62N,11W | Knox | X | X | | B | X | | X |
| Edwin A Pape Lake | L1 | 272.5 | 20,48N,24W | Lafayette | X | X | | B | X | | X |
| Ella Ewing Community Lake | L3 | 15.0 | 21,64N,10W | Scotland | X | X | | A | | | |
| Elmwood City Lake | L1 | 197.0 | NW 35,63N,20W | Sullivan | X | X | | B | | | X |
| Elsie Lake | L3 | 17.0 | 30,37N,02E | Washington | X | X | | A | X | | |
| Ethel Lake | L1 | 23.0 | NE NW36,59N,17W | Macon | X | X | | B | | | X |
| Ewing Lake | L1 | 43.0 | 06,60N,07W | Lewis | X | X | | B | X | | X |
| Fawn Lake | L3 | 26.0 | 13,43N,02W | Franklin | X | X | | B | X | | |
| Fellows Lake | L1 | 800.0 | NW NE22,30N,21W | Greene | X | X | | A | X | | X |
| Finger Lakes | L3 | 118.0 | 19,30,31,50N,12W,24,25,36,50N 13W | Boone | X | X | | A | | | |
| Flight Lake | L3 | 100.0 | 26,36N,32W | Vernon | X | X | | B | | | |

LWW (LWP) Livestock and Wildlife Watering
AQL (WWH, HHP) Protection of Warm Water Aquatic Life,
Human Health Fish Consumption
CDF (CDH) Cold Water Fishery
WBC Whole Body Contact Recreation
SCR Secondary Contact Recreation
DWS Drinking Water Supply
IND Industrial

* The Water Body Name, Missouri Use Designation Dataset Version 1.0, August 20, 2013 (8-20-2013 MUDD V1.0), refers to all lakes in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table G.

Table G-Lake Classifications and Use Designations

NOTE: Fishing, Swimming, irrigation and livestock watering may not be allowed in some lakes by the local management authorities. The use designations refer only to the protection of water quality for those potential uses. Although irrigation is not listed it applies to all waters, as stated in the rule language.

| WATER BODY | CLASS | ACRES | LOCATION | COUNTY(IES) | LWW | AQL | CDF | WBC | SCR | DWS | IND |
|--------------------------------|-------|--------|------------------|-----------------------------|-----|-----|-----|-----|-----|-----|-----|
| Forest Lake | L1 | 580.0 | SE SW14,62N,16W | Adair | X | X | | A | | X | |
| Fountain Grove Lakes | L3 | 1366.3 | 35,57N,22W | Linn | X | X | | B | X | | |
| Fourche Lake | L3 | 49.0 | 22,23N,01W | Ripley | X | X | | A | X | | |
| Fox Valley Lake | L3 | 89.0 | 27,66N,08W | Clark | X | X | | B | X | | |
| Foxboro Lake | L3 | 22.0 | 14,42N,04W | Franklin | X | X | | B | X | | |
| Fredricktown City Lake | L1 | 80.0 | 06,33N,07E | Madison | X | X | | B | | | X |
| Freeman Lake | L1 | 13.0 | SW SW18,44N,32W | Cass | X | X | | B | | | X |
| Frisco Lake | L3 | 5.0 | SE SE 02,37N,08W | Phelps | X | X | | B | | | |
| Garden City Lake | L1 | 26.0 | 31,44N,29W | Cass | X | X | | B | | | X |
| Garden City New Lake | L1 | 39.0 | NW18,43N,29W | Cass | X | X | | B | | | X |
| Gerald City Lake | L3 | 5.0 | 12,42N,04W | Franklin | X | X | | B | | | |
| Glover Spring Lake | L3 | 23.0 | 13,47N,09W | Callaway | X | X | | B | | | |
| Golden Eagle Lake | L3 | 105.0 | SE SW16,48N,04W | Montgomery | X | X | | B | | | |
| Goose Creek Lake | L3 | 308.3 | NW NW25,38N,06E | Ste. Genevieve/St. Francois | X | X | | A | X | | |
| Gopher Lake | L3 | 38.0 | 23,47N,31W | Jackson | X | X | | B | X | | |
| Gower Lake | L1 | 11.0 | 10,55N,33W | Clinton | X | X | | B | | | X |
| Green City Lake | L1 | 57.0 | SE NE16,63N,18W | Sullivan | X | X | | B | | | X |
| Green City Lake (Old) | L1 | 60.0 | SE18,63N,18W | Sullivan | X | X | | A | | | X |
| Hager Lake | L3 | 9.0 | SUR 2969,35N,05E | St. Francois | X | X | | B | | | |
| Hamilton Lake | L1 | 80.0 | SW SW15,57N,28W | Caldwell | X | X | | B | X | | X |
| Harmony Mission Lake | L3 | 96.0 | 15,38N,32W | Bates | X | X | | B | X | | |
| Harrison County Lake | L1 | 280.0 | 17/30,65N,28W | Harrison | X | X | | B | | | X |
| Harrisonville City Lake | L1 | 419.0 | SW SW26,46N,31W | Cass | X | X | | B | X | | X |
| Hazel Creek Lake | L1 | 453.0 | SW SW31,64N,15W | Adair | X | X | | B | | | X |
| Hazel Hill Lake | L3 | 62.0 | 27,47N,26W | Johnson | X | X | | B | X | | |
| Helvey Park Lake | L1 | 11.0 | 26,53N,33W | Clay | X | X | | B | | | X |
| Henke Lake | L3 | 70.0 | SE SE20,46N,09W | Callaway | X | X | | B | | | |
| Henry Sever Lake | L3 | 158.0 | NE NE14,60N,10W | Knox | X | X | | A | X | | |
| Hermit Hollow Lake | L3 | 8.0 | 29,44N,02E | Franklin | X | X | | B | X | | |
| Hi Point Lake | L3 | 3.0 | 24,39N,01E | Washington | X | X | | B | | | |
| Higbee Lake | L1 | 13.0 | SE SW09,52N,14W | Randolph | X | X | | B | | | X |
| Higginsville Reservoir (North) | L1 | 47.0 | NE SW04,49N,25W | Lafayette | X | X | | B | X | | X |
| Higginsville Reservoir (South) | L1 | 147.1 | SW NE09,49N,25W | Lafayette | X | X | | B | X | | X |
| Holden City Lake | L1 | 290.2 | 29,46N,28W | Johnson | X | X | | B | X | | X |
| Holden Lake | L3 | 11.0 | 12,45N,28W | Johnson | X | X | | B | X | | |
| Holden Lake | L3 | 11.0 | 07,45N,27W | Johnson | X | X | | B | | | |
| Holiday Acres Lake | L3 | 206.1 | SE SW17,55N,14W | Randolph | X | X | | B | | | |
| Horseshoe Lake | L3 | 56.0 | 15,56N,36W | Buchanan | X | X | | B | | | |
| Hough Park Lake | L3 | 10.0 | 19,44N,11W | Cole | X | X | | B | | | |
| Houston Lake | L3 | 16.0 | NW 33,51N,33W | Platte | X | X | | A | X | | |

LWW (LWP) Livestock and Wildlife Watering
 AQL (WWH, HHP) Protection of Warm Water Aquatic Life,
 Human Health Fish Consumption
 CDF (CDH) Cold Water Fishery
 WBC Whole Body Contact Recreation
 SCR Secondary Contact Recreation
 DWS Drinking Water Supply
 IND Industrial

* The Water Body Name, Missouri Use Designation Dataset Version 1.0, August 20, 2013 (8-20-2013 MUDD V1.0), refers to all lakes in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table G.

Table G-Lake Classifications and Use Designations

NOTE: Fishing, Swimming, irrigation and livestock watering may not be allowed in some lakes by the local management authorities. The use designations refer only to the protection of water quality for those potential uses. Although irrigation is not listed it applies to all waters, as stated in the rule language.

| WATER BODY | CLASS | ACRES | LOCATION | COUNTY(IES) | LWW | AQL | CDF | WBC | SCR | DWS | IND |
|-----------------------------|-------|---------|---------------------|----------------|-----|-----|-----|-----|-----|-----|-----|
| Howell Mill Lakes | L3 | 97.0 | 17,36N,01E | Washington | X | X | | A | X | | |
| HS Truman Lake | L2 | 55600.0 | 07,40N,22W | Benton | X | X | | A | X | | X |
| Hunnewell Lake | L3 | 228.0 | NW SW25,57N,09W | Shelby | X | X | | B | X | | |
| Hurdland Severs Lake | L3 | 13.0 | 1,61N,13W | Knox | X | X | | A | X | | |
| Indian Creek Community Lake | L3 | 185.0 | 15,27,59N,25W | Livingston | X | X | | B | X | | |
| Indian Lake | L3 | 279.0 | 22,15,23,39N,05W | Crawford | X | X | | A | X | | |
| Iron Mountain Lake | L3 | 79.0 | SE SW32,35N,04E | St. Francois | X | X | | B | X | | |
| Izaak Walton Lake | L3 | 11.0 | 32,36N,31W | Vernon | X | X | | B | X | | |
| Jackass Bend | L3 | 200.0 | 32,28,21-19,51N,29W | Ray/Jackson | X | X | | B | X | | X |
| Jackrabbit Lake | L3 | 25.0 | 15,47N,31W | Jackson | X | X | | B | X | | |
| Jamesport City Lake | L1 | 16.0 | 22,60N,26W | Daviess | X | X | | B | | | X |
| Jamesport Community Lake | L1 | 27.0 | NE 20,60N,26W | Daviess | X | X | | A | X | | X |
| Jasper Lake | L3 | 43.0 | 12,60N,06W | Lewis | X | X | | A | X | | |
| Jaycee Park Lake | L3 | 8.0 | 17,44N,12W | Cole | X | X | | B | | | |
| Jo Lee Lake | L3 | 8.0 | NESE 19,36N,5E | St. Francois | X | X | | B | X | | |
| Junges Lake | L3 | 37.0 | 10,41N,21W | Benton | X | X | | A | X | | |
| Kahrs-Boger Park Lake | L3 | 2.0 | 15,44N,20W | Pettis | X | X | | B | X | | |
| Kellogg Lake | L3 | 22.0 | 34,29N,31W | Jasper | X | X | | A | X | | |
| King City Lake (South) | L1 | 29.0 | SW SW34,61N,32W | Gentry | X | X | | B | | | X |
| King City New Reservoir | L1 | 25.4 | 28,61N,32W | Gentry | X | X | | B | | | X |
| King City Old Reservoir | L1 | 12.0 | SW NE28,61N,32W | Gentry | X | X | | B | | | X |
| King Lake | L3 | 204.0 | 13,60N,32W | DeKalb | X | X | | A | X | | X |
| Kiwanis Lake | L3 | 4.0 | SW23,51N,9W | Audrain | X | X | | B | | | |
| Klontz Lake | L3 | 14.0 | 02,39N,04W | Crawford | X | X | | A | X | | |
| Knob Noster St. Park Lakes | L3 | 24.0 | 29,30,46N,24W | Johnson | X | X | | B | | | |
| L. Prairie Comm. Lake | L3 | 95.0 | SE SE21,38N,7W | Phelps | X | X | | B | X | | |
| La Plata Lake - New | L1 | 81.0 | NW 14,60N,14W | Macon | X | X | | B | | | X |
| La Plata Lake - Old | L1 | 22.0 | 09,60N,14W | Macon | X | X | | B | | | X |
| Labelle Lake #1 | L1 | 18.0 | 16,61N,09W | Lewis | X | X | | B | X | | X |
| Labelle Lake #2 | L1 | 98.0 | NW NE16,61N,09W | Lewis | X | X | | B | X | | X |
| Lake Allaman | L3 | 6.0 | NE 24,56N,30W | Clinton | X | X | | A | X | | |
| Lake Annette | L3 | 65.0 | 01,44N,33W | Cass | X | X | | B | X | | |
| Lake Arrowhead | L3 | 101.0 | 18,54N,30W | Clinton | X | X | | A | X | | |
| Lake Arrowhead | L3 | 23.0 | NW NE 31, 42N, 2E | Franklin | X | X | | A | X | | |
| Lake Briarwood | L3 | 69.0 | SW NE33,40N,04E | Jefferson | X | X | | A | X | | |
| Lake Champetra | L3 | 58.0 | NW13,45N,12W | Boone | X | X | | A | X | | |
| Lake Cherokee | L3 | 6.0 | 14,36N,03E | Washington | X | X | | B | X | | |
| Lake Contrary | L3 | 291.0 | 26,27,35,57N,36W | Buchanan | X | X | | A | X | | |
| Lake Fond du Lac | L3 | 24.0 | SUR 3011,43N,05E | Jefferson | X | X | | A | X | | |
| Lake Forest | L3 | 81.0 | SUR 2046,38N,07E | Ste. Genevieve | X | X | | B | | | |

LWW (LWP) Livestock and Wildlife Watering
AQL (WWH, HHP) Protection of Warm Water Aquatic Life,
Human Health Fish Consumption

CDF (CDH) Cold Water Fishery

WBC Whole Body Contact Recreation
SCR Secondary Contact Recreation
DWS Drinking Water Supply
IND Industrial

* The Water Body Name, Missouri Use Designation Dataset Version 1.0, August 20, 2013 (8-20-2013 MUDD V1.0), refers to all lakes in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table G.

Table G-Lake Classifications and Use Designations

NOTE: Fishing, Swimming, irrigation and livestock watering may not be allowed in some lakes by the local management authorities. The use designations refer only to the protection of water quality for those potential uses. Although irrigation is not listed it applies to all waters, as stated in the rule language.

| WATER BODY | CLASS | ACRES | LOCATION | COUNTY(IES) | LWW | AQL | CDF | WBC | SCR | DWS | IND |
|---------------------|-------|---------|---------------------------|----------------|-----|-----|-----|-----|-----|-----|-----|
| Lake Girardeau | L3 | 144.0 | SW SW09,30N,11E | Cape Girardeau | X | X | | B | X | | |
| Lake Jacomo | L3 | 998.0 | NE NW11,48N,31W | Jackson | X | X | | A | X | | |
| Lake Killarney | L3 | 61.0 | NW NW01,33N,04E | Iron | X | X | | A | X | | |
| Lake Lacawanna | L3 | 10.0 | SE SE 11,38N,05E | St. Francois | X | X | | B | X | | |
| Lake Lincoln | L3 | 88.0 | SW SE08,49N,01E | Lincoln | X | X | | A | X | | |
| Lake Lochaweenoo | L3 | 39.0 | 24,47N,08W | Callaway | X | X | | A | X | | |
| Lake Loraine | L3 | 37.0 | SUR 1970, 41N,04E | Jefferson | X | X | | A | X | | |
| Lake Lotawana | L3 | 487.0 | SE SE29,48N,30W | Jackson | X | X | | A | X | | |
| Lake Lucern | L3 | 41.0 | NE SE06,46N,01W | Warren | X | X | | A | | | |
| Lake Luna | L3 | 17.0 | NE 4,44N,31W | Cass | X | X | | B | X | | |
| Lake Marie | L3 | 60.0 | NE NW 36,66N,24W | Mercer | X | X | | A | | | |
| Lake McGinness | L3 | 50.0 | NW20,55N,30W | Clinton | X | X | | B | | | |
| Lake Montowese | L3 | 39.0 | 27,43N,04E | Jefferson | X | X | | A | X | | |
| Lake Nehai Tonkayea | L3 | 228.0 | NW NE11,55N,18W | Chariton | X | X | | A | | | |
| Lake Nell | L3 | 24.0 | 22,47N,31W | Jackson | X | X | | B | X | | |
| Lake Niangua | L3 | 256.0 | 19,37N,17W | Camden | X | X | | A | X | | |
| Lake Northwood | L3 | 77.0 | SE NE33,43N,05W | Gasconade | X | X | | A | | | |
| Lake of the Oaks | L3 | 53.0 | SE SW07,63N,06W | Clark | X | X | | A | X | | |
| Lake of the Ozarks | L2 | 59520.0 | SE SE19,40N,15W | Camden | X | X | | A | X | | |
| Lake of the Woods | L3 | 3.0 | NE SW 02,48N,12W | Boone | X | X | | B | | | |
| Lake Paho | L3 | 273.0 | NE SE25,65N,25W | Mercer | X | X | | B | | | |
| Lake Serene | L3 | 59.0 | NW NE03,42N,02E | Franklin | X | X | | A | X | | |
| Lake Sherwood | L3 | 120.0 | SW SE11,45N,01W | Warren | X | X | | A | | | |
| Lake Showme | L1 | 214.0 | 15,65N,12W | Scotland | X | X | | B | | X | |
| Lake Springfield | L3 | 293.0 | 19,28N,21W | Greene | X | X | | B | X | | X |
| Lake St. Clair #1 | L3 | 52.0 | SW SE02,41N,01W | Franklin | X | X | | A | X | | |
| Lake St. Louis | L3 | 444.0 | SUR 54 (NE SW26,47N,02E) | St. Charles | X | X | | A | | | |
| Lake Ste. Louise | L3 | 71.0 | SUR 929 (SW SW27,47N,02E) | St. Charles | X | X | | A | | | |
| Lake Taneycomo | L2 | 2118.6 | SW NE8,23N,20W | Taney | X | X | X | A | X | X | |
| Lake Tapawingo | L3 | 83.0 | NE NE34,49N,31W | Jackson | X | X | | A | X | | |
| Lake Thunderbird | L3 | 33.0 | NE,NW 5,41N,01E | Franklin | X | X | | A | X | | |
| Lake Thunderhead | L1 | 859.0 | NE NE15,66N,19W | Putnam | X | X | | A | X | X | |
| Lake Timber Ridge | L3 | 35.0 | SW SE 16,43N,06W | Gasconade | X | X | | A | X | | |
| Lake Tishomingo | L3 | 115.0 | NE SE5,41N,04E (SUR 3027) | Jefferson | X | X | | A | X | | |
| Lake Tom Sawyer | L3 | 4.0 | 04,54N,08W | Monroe | X | X | | A | | | |
| Lake Torino | L3 | 7.0 | 20,42N,02E | Franklin | X | X | | B | X | | |
| Lake Tywappity | L3 | 43.0 | SW SE08,29N,13E | Scott | X | X | | A | | | |
| Lake Viking | L1 | 552.0 | 09,59N,28W | Daviess | X | X | | A | X | X | |
| Lake Wanda Lee | L3 | 97.0 | SUR 884, 37N, 7E | Ste. Genevieve | X | X | | A | | | |
| Lake Wappapello | L2 | 8200.0 | SE NE3,26N,07E | Wayne/Butler | X | X | | A | X | | |
| Lake Wauwanoka | L3 | 93.0 | SE NW01,40N,04E | Jefferson | X | X | | A | X | | |

LWW (LWP) Livestock and Wildlife Watering
 AQL (WWH, HHP) Protection of Warm Water Aquatic Life,
 Human Health Fish Consumption
 CDF (CDH) Cold Water Fishery
 WBC Whole Body Contact Recreation
 SCR Secondary Contact Recreation
 DWS Drinking Water Supply
 IND Industrial

* The Water Body Name, Missouri Use Designation Dataset Version 1.0, August 20, 2013 (8-20-2013 MUDD V1.0), refers to all lakes in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table G.

Table G-Lake Classifications and Use Designations

NOTE: Fishing, Swimming, irrigation and livestock watering may not be allowed in some lakes by the local management authorities. The use designations refer only to the protection of water quality for those potential uses. Although irrigation is not listed it applies to all waters, as stated in the rule language.

| WATER BODY | CLASS | ACRES | LOCATION | COUNTY(IES) | LWW | AQL | CDF | WBC | SCR | DWS | IND |
|----------------------------|-------|--------|--|---------------|-----|-----|-----|-----|-----|-----|-----|
| Lake Winnebago | L3 | 272.0 | NE NW09,46N,31W | Cass | X | X | | A | X | | |
| Lakeview Park Lake | L3 | 25.0 | SW35,51N,09W | Audrain | X | X | | B | | | |
| Lakewood Lakes | L3 | 279.0 | NE NE07,48N,31W & SW SW 5, 48N, 31W | Jackson | X | X | | A | X | | |
| Lamar Lake | L1 | 148.0 | SW NW32,32N,30W | Barton | X | X | | B | | | X |
| Lamine River C.A. Lakes | L3 | 37.0 | 25,26,27,36,46N,19W; 2,11,45N,19W; 7,18,45N,18W. | Cooper/Morgan | X | X | | B | X | | |
| Lancaster City Lake - New | L1 | 56.0 | 23,66N,15W | Schuyler | X | X | | B | | | X |
| Lancaster Lake - Old | L1 | 23.0 | SW NE14,66N,15W | Schuyler | X | X | | B | | | X |
| Lane Lake | L3 | 10.0 | 32,37N,01W | Washington | X | X | | A | X | | |
| Lawson City Lake | L1 | 25.0 | 31,54N,29W | Ray | X | X | | A | X | | X |
| Leisure Lake | L3 | 38.0 | NE SE05,61N,25W | Grundy | X | X | | A | | | |
| Leisure Lake | L3 | 45.0 | 33,48N,08W | Callaway | X | X | | A | X | | |
| Lewis & Clark Lake | L3 | 403.0 | 27,28,33,55N,37W | Buchanan | X | X | | A | X | | |
| Lewis Lake | L3 | 6.0 | SE, NE 10,26N,11E | Stoddard | X | X | | B | | | |
| Lewistown Lake | L1 | 35.0 | NW SW08,61N,08W | Lewis | X | X | | B | X | | X |
| Liberty Park Lake | L3 | 1.0 | 04,45N,21W | Pettis | X | X | | B | | | |
| Limpp Community State Lake | L3 | 27.0 | 29,61N,32W | Gentry | X | X | | B | X | | |
| Linneus Lake | L1 | 17.0 | NE SW36,59N,21W | Linn | X | X | | B | X | | X |
| Lions Lake | L3 | 11.0 | 16,44N,01W | Franklin | X | X | | B | X | | |
| Lions Lake | L3 | 8.0 | SW SE 26,46N,26W | Johnson | X | X | | B | X | | |
| Lisle Pond | L3 | 22.0 | 05,43N,33W | Cass | X | X | | B | X | | |
| Little Compton Lake | L3 | 36.0 | 29/32,55N,21W | Carroll | X | X | | B | X | | |
| Little Dixie Lake | L3 | 176.0 | SW SE26,48N,11W | Callaway | X | X | | B | X | | |
| Loch Leonard | L3 | 27.0 | SE18,46N,30W | Cass | X | X | | B | X | | |
| Loggers Lake | L3 | 21.0 | 10,15,31N,03W | Shannon | X | X | | A | X | | |
| Lone Jack Lake | L3 | 31.0 | 11,47N,30W | Jackson | X | X | | B | X | | |
| Lone Tree Lake | L3 | 21.0 | N NE15,46N,6W | Montgomery | X | X | | B | X | | |
| Lonedell Lake | L3 | 40.0 | 16,40N,02E | Franklin | X | X | | B | X | | |
| Long Branch Lake | L2 | 2686.0 | NW18,57N,14W | Macon | X | X | | A | X | | X |
| Long Lake | L3 | 10.0 | NW NW 03,25N,12E | Stoddard | X | X | | B | | | |
| Longview Lake | L2 | 953.0 | 04,47N,32W | Jackson | X | X | | A | X | | |
| Lost Valley Lake | L3 | 37.0 | SE NE17,43N,04W | Gasconade | X | X | | A | X | | |
| Lower Taum Sauk Lake | L3 | 200.0 | 33,33N,02E | Reynolds | X | X | | B | X | | |
| Lucky Clover Lake | L3 | 20.0 | 20,38N,04W | Crawford | X | X | | A | X | | |
| Mac Lake - Ziske | L3 | 28.0 | SW NE 17,34N,05W | Dent | X | X | | B | X | | |
| Macon Lake | L3 | 189.0 | SE NW17,57N,14W | Macon | X | X | | B | | | X |
| Malta Bend Community Lake | L3 | 4.0 | 25,51N,23W | Saline | X | X | | B | X | | |
| Manito Lake | L3 | 77.0 | 08,09,44N,17W | Moniteau | X | X | | B | X | | |
| Maple Leaf Lake | L3 | 127.0 | 04,48N,26W | Lafayette | X | X | | B | X | | |
| Marais Temps Clair | L3 | 725.7 | 19,48N,06E and 24,48N,5E | St. Charles | X | X | | B | X | | |

LWW (LWP) Livestock and Wildlife Watering
AQL (WWH, HHP) Protection of Warm Water Aquatic Life,
Human Health Fish Consumption
CDF (CDH) Cold Water Fishery

WBC Whole Body Contact Recreation
SCR Secondary Contact Recreation
DWS Drinking Water Supply
IND Industrial

* The Water Body Name, Missouri Use Designation Dataset Version 1.0, August 20, 2013 (8-20-2013 MUDD V1.0), refers to all lakes in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table G.

Table G-Lake Classifications and Use Designations

NOTE: Fishing, Swimming, irrigation and livestock watering may not be allowed in some lakes by the local management authorities. The use designations refer only to the protection of water quality for those potential uses. Although irrigation is not listed it applies to all waters, as stated in the rule language.

| WATER BODY | CLASS | ACRES | LOCATION | COUNTY(IES) | LWW | AQL | CDF | WBC | SCR | DWS | IND |
|-----------------------------------|-------|---------|-------------------|----------------------|-----|-----|-----|-----|-----|-----|-----|
| Marceline City Lake (New) | L1 | 200.0 | SW SE14,56N,19W | Chariton | X | X | | B | | | X |
| Marceline Reservoir | L1 | 68.0 | SE 28,57N,18W | Linn | X | X | | B | | | X |
| Mark Twain Lake | L2 | 18132.0 | 26,55N,07W | Ralls | X | X | | A | X | | X |
| Marshall Habilitation Center Lake | L3 | 10.0 | 11,50N,21W | Saline | X | X | | B | X | | |
| Martin Lakes | L3 | 17.0 | 11,26N,11E | Stoddard | X | X | | B | | | |
| Maysville Lake | L1 | 27.0 | NE NE 4, 58N,31W | DeKalb | X | X | | B | X | | X |
| Maysville Lake | L1 | 12.0 | NW NE03,58N,31W | DeKalb | X | X | | B | X | | X |
| McCormack Lake | L3 | 9.0 | NW SW 24,25N,04W | Oregon | X | X | | A | X | | |
| McDaniel Lake | L1 | 218.0 | NE SE26,30N,22W | Greene | X | X | | B | | | X |
| Melody Lake | L3 | 32.0 | 27,42N,03W | Franklin | X | X | | A | X | | |
| Memphis Reservoir | L1 | 39.0 | NE NE14,65N,12W | Scotland | X | X | | B | | | X |
| Middle Fork Water Comp. | L1 | 103.0 | NW SW06,63N,31W | Gentry | X | X | | B | X | | X |
| Milan Lake North | L1 | 13.0 | SE SE02,62N,20W | Sullivan | X | X | | B | | | X |
| Milan Lake South | L1 | 37.0 | SE SE,02,62N,20W | Sullivan | X | X | | B | | | X |
| Mineral Lake | L3 | 8.0 | 01,42N,03W | Franklin | X | X | | B | X | | |
| Monopoly Lake | L3 | 1045.0 | 30,27N,08E | Stoddard/Wayne | X | X | | B | X | | |
| Monroe City Lake | L1 | 94.0 | SW,NE,34,56N,07W | Ralls | X | X | | A | X | | X |
| Monroe City Lake A | L1 | 17.0 | NW NW13,56N,08W | Monroe | X | X | | B | | | X |
| Monroe City Lake B | L1 | 55.0 | 30,56N,07W | Monroe | X | X | | B | X | | X |
| Monsanto Lake | L3 | 18.0 | SE NW 20,36N,5E | St. Francois | X | X | | A | X | | |
| Montrose Lake | L3 | 1444.0 | NE NW33,41N,27W | Henry | X | X | | B | | | X |
| Mozingo Lake | L1 | 898.0 | 13,64N,35W | Nodaway | X | X | | B | X | | X |
| New Cambria Lake | L1 | 9.0 | SW NE07,57N,16W | Macon | X | X | | B | | | X |
| Nims Lake | L3 | 251.0 | SW NW24,34N,06E | Madison/St. Francois | X | X | | A | | | |
| Noblett Lake | L3 | 26.0 | 25,26N,11W | Douglas | X | X | | A | | | |
| Nodaway Lake | L3 | 73.0 | SW NE20,65N,35W | Nodaway | X | X | | B | X | | |
| Norfork Lake | L2 | 1000.0 | 21N,12W | Ozark | X | X | | A | X | | |
| North Bethany City Reservoir | L3 | 78.0 | SE27,64N,28W | Harrison | X | X | | A | X | | |
| North Lake | L3 | 19.0 | SW NE28,45N,31W | Cass | X | X | | B | X | | |
| North Sever Lake | L3 | 12.5 | 20,63N,11W | Knox | X | X | | B | X | | |
| O'Brian Lake | L3 | 50.0 | NW NW19,47N,01E | St. Charles/Warren | X | X | | B | | | |
| Odessa Lake | L1 | 87.0 | NW NE15,48N,28W | Lafayette | X | X | | B | X | | X |
| Odessa Lake (Old) | L1 | 22.0 | NW NW14,48N,28W | Lafayette | X | X | | B | | | X |
| Old Bethany City Reservoir | L1 | 18.0 | 02,63N,28W | Harrison | X | X | | B | | | X |
| Old Mud Lake | L3 | 126.0 | 16,20,21, 56N,36W | Buchanan | X | X | | B | | | |
| Old Plattsburg Lake | L1 | 15.0 | 13,55N,32W | Clinton | X | X | | B | | | X |
| Opossum Hollow Lake | L3 | 63.0 | SW NE29,39N,03W | Crawford | X | X | | A | X | | |
| Oscie Ora Acres Lake | L3 | 50.0 | SE NW10,28N,33W | Jasper | X | X | | B | | | |
| Otter Lake | L3 | 250.0 | 17,24N,09E | Stoddard | X | X | | B | X | | |
| Painted Rock Lake | L3 | 5.0 | 11,42N,11W | Osage | X | X | | B | | | |

LWW (LWP) Livestock and Wildlife Watering

AQL (WWH, HHP) Protection of Warm Water Aquatic Life,
Human Health Fish Consumption

CDF (CDH) Cold Water Fishery

WBC Whole Body Contact Recreation

SCR Secondary Contact Recreation

DWS Drinking Water Supply

IND Industrial

* The Water Body Name, Missouri Use Designation Dataset Version 1.0, August 20, 2013 (8-20-2013 MUDD V1.0), refers to all lakes in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table G.

Table G-Lake Classifications and Use Designations

NOTE: Fishing, Swimming, irrigation and livestock watering may not be allowed in some lakes by the local management authorities. The use designations refer only to the protection of water quality for those potential uses. Although irrigation is not listed it applies to all waters, as stated in the rule language.

| WATER BODY | CLASS | ACRES | LOCATION | COUNTY(IES) | LWW | AQL | CDF | WBC | SCR | DWS | IND |
|--------------------------------|-------|--------|---------------------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|
| Palmer Lake | L3 | 102.0 | 22,36N,01E | Washington | X | X | | A | X | | |
| Panther Creek D-1 Lake | L3 | 28.0 | 32,65N,26W | Harrison | X | X | | B | | | |
| Parker Lake #1 | L3 | 20.0 | SE SE 31,35N,09E | Perry | X | X | | A | | | |
| Parker Lake No. 2 | L3 | 80.0 | NE SW32,35N,09E | Perry | X | X | | A | | | |
| Parole Lake | L3 | 42.0 | 07,36N,01E | Washington | X | X | | A | X | | |
| Paul Herring Lake | L3 | 44.0 | NW SW17,46N,09W | Callaway | X | X | | B | | | |
| Peabody Wildlife Area Lakes | L3 | 36.0 | 04/09,38N,32W | Bates | X | X | | B | X | | |
| Peaceful Valley Lake | L3 | 158.0 | NE NE25,42N,06W | Gasconade | X | X | | A | | | |
| Peculiar Lake | L1 | 25.0 | SE SW22,45N,32W | Cass | X | X | | B | | | X |
| Penn's Pond Lake | L3 | 8.0 | 06,34N,11W | Pulaski | X | X | | B | X | | |
| Perco Lakes | L3 | 21.7 | SW5, NW8, 34N,10E | Perry | X | X | | B | | | |
| Perry C.A. Lakes | L3 | 16.4 | 28.33.34.36.48N,24W;30,48N,23 W | Johnson | X | X | | B | X | | |
| Perry County Community Lake | L3 | 89.0 | SW NE22,35N,10E (SUR 856) | Perry | X | X | | B | | | |
| Pershing St. Park Lakes | L3 | 12.0 | 2,11,57N,21W | Linn | X | X | | A | | | |
| Peters Lake | L3 | 62.0 | NW NW4,50N,16W | Howard | X | X | | B | X | | |
| Pike Lake | L3 | 17.0 | 02,59N,25W | Livingston | X | X | | A | X | | |
| Pim Lake | L3 | 7.0 | SWNW 20,36N,5E | St. Francois | X | X | | A | X | | |
| Pinewoods Lake | L3 | 22.0 | 07,26N,03E | Carter | X | X | | B | X | | |
| Pinnacle Lake | L3 | 115.0 | SE NE24,47N,05W | Montgomery | X | X | | A | | | |
| Plattsburg 6 Mi. Lane Lk. | L3 | 57.0 | SW SE11,55N,32W | Clinton | X | X | | B | | | X |
| Pleasant Hill Lake | L1 | 91.0 | SW SE01,46N,31W | Cass | X | X | | B | X | | X |
| Plover Lake | L3 | 14.0 | 15,47N,31W | Jackson | X | X | | B | X | | |
| Poague C.A. Lakes | L3 | 80.0 | 19,30,42N,26W, 24,42N,27W | Henry | X | X | | B | X | | |
| Pomme de Terre Lake | L2 | 7820.0 | SW NE2,36N,22W | Hickory/Polk | X | X | | A | X | | |
| Pony Express Lake | L3 | 240.0 | NE 33,58N,31W | DeKalb | X | X | | A | X | | |
| Port Hudson Lake | L3 | 48.0 | 16,43N,03W | Franklin | X | X | | B | X | | |
| Port Perry Lake | L3 | 155.0 | NE SE08,34N,09E | Perry | X | X | | B | | | |
| Potosi Lake | L3 | 20.0 | SW NW 35,37N,03E | Washington | X | X | | A | X | | |
| Prairie Home C.A. Lakes | L3 | 20.0 | 4,5,6,46N,15W | Cooper/Moniteau | X | X | | B | X | | X |
| Prairie Lee Lake | L3 | 144.0 | NE SW27,48N,31W | Jackson | X | X | | A | X | | |
| Primrose Lake | L3 | 33.0 | 23,38,04E | St. Francois | X | X | | B | X | | |
| Radio Springs Lake | L3 | 8.0 | 08,35N,31W | Vernon | X | X | | B | X | | |
| Railroad Lake | L3 | 8.0 | 34,45N,15W | Moniteau | X | X | | B | X | | |
| Raintree Lake | L3 | 248.1 | 06,46N,31W | Cass | X | X | | A | X | | |
| Raintree Plantation Lake | L3 | 115.0 | 29,41N,04E | Jefferson | X | X | | A | X | | |
| Ray County Community Lake | L3 | 23.0 | 13,52N,28W | Ray | X | X | | A | X | | |
| Raymond Claus Lake | L3 | 8.7 | SE SE17,27N,11E | Stoddard | X | X | | B | | | |
| Rice Lake East | L3 | 11.0 | 09,27N,11E | Stoddard | X | X | | B | | | |
| Rice Lake West | L3 | 4.0 | SENE 9,27N,11E | Stoddard | X | X | | B | X | | |
| Rinquelin Trail Community Lake | L3 | 27.0 | NE 29,39N,11W | Maries | X | X | | B | X | | |

LWW (LWP) Livestock and Wildlife Watering
AQL (WWH, HHP) Protection of Warm Water Aquatic Life,
Human Health Fish Consumption
CDF (CDH) Cold Water Fishery

WBC Whole Body Contact Recreation
SCR Secondary Contact Recreation
DWS Drinking Water Supply
IND Industrial

* The Water Body Name, Missouri Use Designation Dataset Version 1.0, August 20, 2013 (8-20-2013 MUDD V1.0), refers to all lakes in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table G.

Table G-Lake Classifications and Use Designations

NOTE: Fishing, Swimming, irrigation and livestock watering may not be allowed in some lakes by the local management authorities. The use designations refer only to the protection of water quality for those potential uses. Although irrigation is not listed it applies to all waters, as stated in the rule language.

| WATER BODY | CLASS | ACRES | LOCATION | COUNTY(IES) | LWW | AQL | CDF | WBC | SCR | DWS | IND |
|---------------------------------------|-------|---------|--|------------------|-----|-----|-----|-----|-----|-----|-----|
| Ripley Lake | L3 | 18.0 | 10,23N,01E | Ripley | X | X | | A | X | | |
| Riss Lake | L3 | 134.0 | SW SW25,51N,33W | Platte | X | X | | B | X | | |
| Roach Lake | L3 | 106.0 | 30,57N,23W | Livingston | X | X | | A | X | | |
| Robert G. Delaney Lake | L3 | 110.0 | 30,27N,16E | Mississippi | X | X | | B | | | |
| Roby Lake | L3 | 10.0 | 34/35,33N,11W | Texas | X | X | | A | X | | |
| Rock House Lake | L1 | 62.0 | NE SW 36,65N,27W | Harrison | X | X | | A | X | | X |
| Rocky Fork Lake | L3 | 60.0 | NW SE31,50N,12W | Boone | X | X | | B | | | |
| Rocky Hollow Lake | L3 | 20.0 | SE33,53N,30W | Clay | X | X | | B | X | | |
| Rothwell Lake | L3 | 27.0 | SE NE03,53N,14W | Randolph | X | X | | B | X | | |
| Salisbury City Lake (Pine Ridge Lake) | L3 | 25.0 | 15,53N,17W | Chariton | X | X | | B | X | | |
| Savannah City Reservoir | L1 | 20.0 | 07,59N,35W | Andrew | X | X | | A | X | | X |
| Sayersbrook Lake | L3 | 36.0 | NE SE28,38N,01E | Washington | X | X | | B | | | |
| Schell Lake | L3 | 371.0 | SE NE06,37N,28W | St. Clair/Vernon | X | X | | A | X | | |
| Schuyler Co. PWSD #1 Lake | L1 | 33.0 | SE SE04,64N,015W | Schuyler | X | X | | B | | | X |
| Scioto Lake | L3 | 5.0 | NE NE 30,38N,06W | Phelps | X | X | | B | | | |
| Sears Community Lake | L3 | 32.0 | 18,63N,19W | Sullivan | X | X | | A | X | | |
| See Tal Lake | L3 | 11.0 | NW NW01,45N,05W | Gasconade | X | X | | B | | | |
| Sequiota Park Lake | L3 | 3.0 | 09,28N,21W | Greene | X | X | | B | | | |
| Settles Ford C.A. Lakes | L3 | 968.0 | 33,43N,29W;4,5,8-10,15-18,42N,29W;13,42N,30W | Bates | X | X | | B | X | | |
| Seven Springs Lake | L3 | 18.0 | 23-24,36N,06W | Phelps | X | X | | A | X | | |
| Shawnee Lake - Turner | L3 | 15.0 | SW NW 17,34N,05W | Dent | X | X | | B | X | | |
| Shelbina Lake | L1 | 45.0 | NE SW20,57N,10W | Shelby | X | X | | B | X | | X |
| Shelbyville Lake | L1 | 32.0 | SE SE19,58N,10W | Shelby | X | X | | B | X | | X |
| Shepard Mountain Lake | L1 | 21.0 | 01,33N,03E | Iron | X | X | | B | X | | X |
| Silver Lake | L3 | 54.0 | SW SW16,46N,32W | Cass | X | X | | B | X | | |
| Silver Lake-Levee 3 | L3 | 2464.0 | 06,55N,20W | Chariton | X | X | | B | | | |
| Sims Valley Community Lake | L3 | 42.0 | 17,20,27N,08W | Howell | X | X | | A | X | | |
| Smithville Lake | L2 | 7190.0 | E SW13,53N,33W | Clay | X | X | | A | X | | X |
| Snow Hollow Lake | L3 | 31.0 | 26/27,34N,03E | Iron | X | X | | B | X | | |
| South Pool-Levee 3 | L3 | 263.0 | 1,2,11,12,13,55N,21W | Chariton | X | X | | B | | | |
| Spencer Lake | L3 | 7.0 | NW19,66N,14W | Schuyler | X | X | | B | | | |
| Sportsman Lake | L1 | 7.0 | NE SE,04,49N,06W | Montgomery | X | X | | B | | | X |
| Spring Fork Lake | L1 | 178.0 | NE SW21,44N,21W | Pettis | X | X | | B | X | | X |
| Spring Lake | L3 | 87.0 | 10,61N,16W | Adair | X | X | | A | | | |
| Squaw Creek NWR Pools | L3 | 1230.0 | 36,61N,39W | Holt | X | X | | B | | | |
| Sterling Price Community Lake | L3 | 23.0 | 17,53N,17W | Chariton | X | X | | A | X | | |
| Stockton Lake | L2 | 23680.0 | NE NE15,34N,26W | Cedar | X | X | | A | | | X |
| Strobel Lake | L3 | 33.0 | SW SW 01,27N,09E | Stoddard | X | X | | B | | | |
| Sugar Creek Lake | L1 | 308.0 | NE SE16,54N,14W | Randolph | X | X | | B | | | X |
| Sullivan City Lake | L3 | 5.0 | NE NW 20,40N,02W | Crawford | X | X | | B | | | |
| Summerset & Fisherman's Lakes | L3 | 75.0 | SW15,39N,04E | Jefferson | X | X | | A | X | | |

LWW (LWP) Livestock and Wildlife Watering
 AQL (WWH, HHP) Protection of Warm Water Aquatic Life,
 Human Health Fish Consumption
 CDF (CDH) Cold Water Fishery
 WBC Whole Body Contact Recreation
 SCR Secondary Contact Recreation
 DWS Drinking Water Supply
 IND Industrial

* The Water Body Name, Missouri Use Designation Dataset Version 1.0, August 20, 2013 (8-20-2013 MUDD V1.0), refers to all lakes in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table G.

Table G-Lake Classifications and Use Designations

NOTE: Fishing, Swimming, irrigation and livestock watering may not be allowed in some lakes by the local management authorities. The use designations refer only to the protection of water quality for those potential uses. Although irrigation is not listed it applies to all waters, as stated in the rule language.

| WATER BODY | CLASS | ACRES | LOCATION | COUNTY(IES) | LWW | AQL | CDL | WBC | SCR | DWS | IND |
|-----------------------------|-------|---------|--|----------------|-----|-----|-----|-----|-----|-----|-----|
| Sunfish Lake | L3 | 27.0 | SUR 3097, 155, 1840, 47N,07E | St. Louis | X | X | | B | X | | |
| Sunnen Lake | L3 | 206.0 | SW SE04,37N,01E | Washington | X | X | | A | | | |
| Sunrise Lake | L3 | 21.0 | NE SW 36,39N,04E | Jefferson | X | X | | A | X | | |
| Sunset Lake | L3 | 50.2 | NW SE33,39N,07E | Ste. Genevieve | X | X | | B | | | |
| Sunset Lake | L3 | 6.0 | 13,44N,12W | Cole | X | X | | B | | | |
| Sunshine Lake | L3 | 500.0 | 19,29,32,51N,27W | Ray | X | X | | A | X | | X |
| Swan Lake-Levee 5 | L3 | 1425.0 | 10,55N,21W | Chariton | X | X | | B | | | |
| Table Rock Lake | L2 | 41747.0 | SW NW22,22N,22W | Stone | X | X | | A | X | | |
| Tarsney Lake | L3 | 17.0 | SE SE22,48N,30W | Jackson | X | X | | A | X | | |
| Tea Lake No. 1 | L3 | 25.0 | 08,41N,04W | Gasconade | X | X | | B | X | | |
| Teal Lake | L3 | 84.0 | NE SW36,51N,09W | Audrain | X | X | | B | X | | |
| Tebo Freshwater Lake | L3 | 250.0 | SW SW25,43N,25W | Henry | X | X | | B | | | |
| Ten Mile Pond | L3 | 70.0 | 07,04,03,24N,16E | Mississippi | X | X | | B | | | |
| Terre Du Lac Lakes | L3 | 371.4 | (18,19,20,28,29,30,31)37N,4E,25,37N,3E | St. Francois | X | X | | A | X | | |
| Thirtyfour Corner Blue Hole | L3 | 9.0 | 35,25N,17E | Mississippi | X | X | | B | | | |
| Thomas Hill Reservoir | L2 | 4400.0 | NE SE24,55N,16W | Randolph | X | X | | A | | X | X |
| Timberline Lakes | L3 | 51.0 | 23,24,38N,04E | St. Francois | X | X | | A | X | | |
| Tobacco Hills Lake | L3 | 16.0 | NW11,53N,35W | Platte | X | X | | B | X | | |
| Tom Bird Blue Hole | L3 | 6.0 | 29,27N,18E | Mississippi | X | X | | B | | | |
| Trenton Lake Lower | L1 | 103.0 | SW 15,61N,24W | Grundy | X | X | | B | | X | |
| Trenton Lake Upper | L1 | 68.0 | NE SE15,61N,24W | Grundy | X | X | | B | | X | |
| Twin Borrow Pits | L3 | 44.0 | 13,20N,13E | Pemiscot | X | X | | B | X | | |
| Twin Lake | L3 | 49.0 | NW NW31,66N,23W | Mercer | X | X | | B | | | |
| Twin Lakes | L3 | 22.9 | SW SW,22,48N,13W | Boone | X | X | | A | X | | |
| Union City Lake | L3 | 5.0 | 27,43N,01W | Franklin | X | X | | B | | | |
| Unionville (Old) Lake | L1 | 13.0 | 34,66N,19W | Putnam | X | X | | A | X | X | |
| Unionville Reservoir | L3 | 74.0 | 27,66N,19W | Putnam | X | X | | B | | | |
| Unity Village Lake #1 | L1 | 16.0 | 25,48N,32W | Jackson | X | X | | B | X | X | |
| Unity Village Lake #2 | L1 | 26.0 | 24,48N,32W | Jackson | X | X | | B | X | X | |
| Valle Lake | L3 | 42.0 | 31,39N,05E | Jefferson | X | X | | A | X | | |
| Van Meter St. Park Lake | L3 | 8.0 | 24,52N,22W | Saline | X | X | | A | X | | |
| Vandalia Community Lake | L3 | 35.0 | SE35,52N,06W | Audrain | X | X | | B | | | |
| Vandalia Reservoir | L1 | 28.0 | NE NE12,53N,05W | Pike | X | X | | B | X | X | |
| Wahoo Lake | L3 | 10.0 | 14,38N,04E | St. Francois | X | X | | B | X | | |
| Wakonda Lake | L3 | 78.0 | 13,14,60N,06W | Lewis | X | X | | A | X | | |
| Walt Disney Lake | L3 | 19.0 | 31,57N,18W | Linn | X | X | | A | | | |
| Water Works Lake | L1 | 22.0 | NE SE 03,53N,14W | Randolph | X | X | | B | X | X | |
| Watkins Mill Lake | L3 | 87.0 | NW 22,53N,30W | Clay | X | X | | A | X | | |
| Waukomis Lake | L3 | 76.0 | SW 17,51N,33W | Platte | X | X | | A | X | | |
| Weatherby Lake | L3 | 185.0 | SW SE15,51N,34W | Platte | X | X | | A | X | | |

LWW (LWP) Livestock and Wildlife Watering
AQL (WWH, HHP) Protection of Warm Water Aquatic Life,
Human Health Fish Consumption
CDL (CDH) Cold Water Fishery

WBC Whole Body Contact Recreation
SCR Secondary Contact Recreation
DWS Drinking Water Supply
IND Industrial

* The Water Body Name, Missouri Use Designation Dataset Version 1.0, August 20, 2013 (8-20-2013 MUDD V1.0), refers to all lakes in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table G.

Table G-Lake Classifications and Use Designations

NOTE: Fishing, Swimming, irrigation and livestock watering may not be allowed in some lakes by the local management authorities. The use designations refer only to the protection of water quality for those potential uses. Although irrigation is not listed it applies to all waters, as stated in the rule language.

| WATER BODY | CLASS | ACRES | LOCATION | COUNTY(IES) | LWW | AQL | CDF | WBC | SCR | DWS | IND |
|----------------------------------|-------|-------|-------------------------------|-------------|-----|-----|-----|-----|-----|-----|-----|
| Wellsville City Lake | L1 | 12.0 | NW SE 33,50N,06W | Montgomery | X | X | | A | | | X |
| West Arrowhead Lake | L3 | 58.0 | 18,23N,08W | Howell | X | X | X | B | X | | |
| Whetstone Creek C.A. Lakes | L3 | 62.0 | 5,6,8,9,48N,07W; 31,32,49N 7W | Callaway | X | X | | B | X | | |
| Whispering Valley Lakes | L3 | 30.0 | 35,44N,03W | Franklin | X | X | | A | X | | |
| WhitesideLake White Memorial SWA | L3 | 28.0 | SW SUR 1686,51N,01W | Lincoln | X | X | | B | X | | |
| Wildwood Lake | L3 | 17.0 | NE 09,48N,32W | Jackson | X | X | | B | | | |
| Willow Brook Lake | L1 | 53.0 | SE NE 04,58N,13W | DeKalb | X | X | | B | | | X |
| Willow Lake | L3 | 29.0 | 27-34,34N,32W | Vernon | X | X | | B | X | | |
| Willowwood Lake | L3 | 45.0 | 26 & 35,48N,05E | St. Charles | X | X | | B | X | | |
| Windsor City Lake | L3 | 16.0 | 06,43N,23W | Pettis | X | X | | B | | | |
| Winegar Lake | L3 | 8.0 | 18,43N,13W | Cole | X | X | | B | | | |
| Wing Lake | L3 | 19.9 | NW SW 14, 35N,03E | Washington | X | X | | A | X | | |
| Wolf Bayou Mud Bayou | L3 | 37.0 | 04,19N,13E | Pemiscot | X | X | | B | X | | |
| Worth County Community Lake | L3 | 17.0 | 32,65N,32W | Worth | X | X | | B | X | | |
| Wyaconda Lake | L1 | 9.0 | NW NW33,65N,09W | Clark | X | X | | B | X | | X |

LWW (LWP) Livestock and Wildlife Watering
 AQL (WWH, HHP) Protection of Warm Water Aquatic Life,
 Human Health Fish Consumption
 CDF (CDH) Cold Water Fishery

WBC Whole Body Contact Recreation
 SCR Secondary Contact Recreation
 DWS Drinking Water Supply
 IND Industrial

* The Water Body Name, Missouri Use Designation Dataset Version 1.0, August 20, 2013 (8-20-2013 MUDD V1.0), refers to all lakes in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table G.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|-------------------|-------|---------|------------|-------------|----------------|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 8-20-13 MUDD V1.0 | C | 84845.0 | | Statewide | Statewide | Statewide | x | x | x | | | B | | x | |
| AB Cr. | C | 4.2 | Mouth | 32,37N,18W | Dallas | Camden | | x | x | | | B | | | |
| Ackerman Ditch | C | 14.1 | Mouth | 24,24N,6E | Butler | | x | x | x | | | B | | | |
| Agee Cr. | C | 4.8 | Mouth | 24,61N,34W | Andrew | | | x | x | | | B | | | |
| Alder Br. | C | 4.7 | 2,34N,26W | 5,34N,25W | Cedar | | | x | x | | | B | | | |
| Alder Cr. | C | 11.4 | Mouth | 21,35N,28W | Cedar | | | x | x | | | B | | | |
| Allen Br. | P | 1.8 | Mouth | 22,37N,1E | Washington | | | x | x | | | B | | | |
| Allen Br. | C | 1.5 | 22,37N,1E | 34,37N,1E | Washington | | | x | x | | | B | | | |
| Allen Br. | C | 3.0 | Mouth | 05,34N,05E | St. Francois | | | x | x | | | B | | | |
| Alley Br. | P | 1.5 | Mouth | 25,29N,5W | Shannon | | | x | x | | | B | | | |
| Alley Br. | C | 2.6 | 25,29N,5W | 22,29N,5W | Shannon | | | x | x | | | B | | | |
| Allie Cr. | C | 2.6 | Mouth | 1,33N,10E | Cape Girardeau | Bollinger | | x | x | | | B | | | |
| Anderson Br. | C | 1.0 | Mouth | 31,45N,20W | Pettis | | | x | x | | | B | | | |
| Anderson Cr. | C | 1.9 | Mouth | 31,33N,09W | Texas | | | x | x | | | B | | | |
| Andrews Br. | C | 1.8 | Mouth | Sur | St. Francois | | | x | x | | | B | | | |
| | | | | 3062,37N,6E | | | | | | | | | | | |
| Anthony Br. | P | 0.5 | Mouth | 6,22N,5W | Oregon | | | x | x | | | B | | | |
| Antire Cr. | P | 1.9 | Mouth | 34,44N,4E | St. Louis | | | x | x | | | B | | | |
| Apple Cr. | P | 44.8 | Mouth | 21,34N,10E | Perry | | | x | x | | | A | x | x | |
| Apple Cr. | C | 1.7 | 16,34N,10E | 18,34N,10E | Perry | | | x | x | | | B | | | |
| Arapahoe Cr. | C | 8.0 | Mouth | 11,61N,36W | Andrew | | | x | x | | | B | | | |
| Archer Cr. | P | 1.2 | Mouth | 14,41N,20W | Benton | | | x | x | | | B | | | |
| Arnault Br. | P | 2.2 | Mouth | 10,38N,2E | Washington | | | x | x | | | B | | | |
| Arnault Br. | C | 1.0 | 10,38N,2E | 15,38N,2E | Washington | | | x | x | | | B | | | |
| Arnold Cr. | C | 1.1 | Mouth | 24,40N,1E | Washington | | | x | x | | | B | | | |
| Arthur Cr. | P | 5.9 | Mouth | 14,31N,9W | Texas | | | x | x | | | B | | | |
| Arthur Cr. | C | 2.5 | 14,31N,9W | 25,31N,9W | Texas | | | x | x | | | B | | | |
| Ash Ditch | P | 6.6 | Mouth | 13,25N,14E | New Madrid | | | x | x | | | B | | | |
| Ash Ditch | C | 8.0 | 13,25N,14E | 5,26N,15E | New Madrid | Mississippi | | x | x | | | B | | | |
| Ash Slough Ditch | P | 17.2 | Mouth | 35,26N,13E | New Madrid | | x | x | x | | | B | | x | |
| Asher Cr. | P | 8.7 | Mouth | 4,30N,23W | Polk | Greene | | x | x | | | B | | | |
| Asher Cr. | C | 4.0 | 4,30N,23W | 14,30N,23W | Greene | | | x | x | | | B | | | |
| Asher Cr. | P | 1.0 | Mouth | 1,26N,7E | Wayne | | | x | x | | | B | | | |
| Asher Cr. | C | 1.2 | 1,26N,7E | 2,26N,7E | Wayne | | | x | x | | | B | | | |
| Asher Hollow Cr. | C | 4.0 | Mouth | 24,37N,06W | Crawford | Phelps | | x | x | | | B | | | |
| Ashley Br. | P | 0.5 | Mouth | 30,39N,1W | Washington | | | x | x | | | B | | | |
| Ashley Br. | C | 1.6 | 30,39N,1W | 32,39N,1W | Washington | | | x | x | | | B | | | |
| Ashley Cr. | P | 2.5 | Mouth | 35,32N,7W | Dent | | | x | x | | | B | | | |
| Ashly Br. | C | 0.7 | Mouth | 27,38N,1E | Washington | | | x | x | | | B | | | |
| Aslinger Br. | P | 1.0 | Mouth | 16,32N,8E | Madison | | | x | x | | | B | | | |
| Aslinger Br. | C | 1.0 | 16,32N,8E | County Line | Madison | | | x | x | | | B | | | |
| Atwell Cr. | P | 1.2 | Mouth | 2,38N,12W | Miller | | | x | x | | | B | | | |
| Atwell Cr. | C | 2.0 | 2,38N,12W | 11,38N,12W | Miller | | | x | x | | | B | | | |
| Auxvasse Cr. | P | 8.2 | Mouth | 8,46N,8W | Callaway | | | x | x | | | B | | x | |
| Auxvasse Cr. | C | 39.9 | 8,46N,8W | 22,49N,10W | Callaway | | | x | x | | | B | | | |
| Avery Hollow | C | 0.9 | Mouth | 04,38N,03W | Crawford | | | x | x | | | B | | | |
| Bachelor Cr. | C | 6.8 | Mouth | 19,49N,7W | Callaway | | | x | x | | | B | | | |
| Back Cr. | C | 3.8 | Mouth | 11,35N,6E | St. Francois | | | x | x | | | B | | | |
| Bagby Br. | C | 2.3 | Mouth | 1,52N,16W | Randolph | | | x | x | | | B | | | |

IRR-LWV AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption

CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery
SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|-----------------------------|-------|-------|------------|------------|------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Bailey Br. | P | 1.8 | Mouth | 31,36N,1W | Washington | | | x | x | | | B | | | |
| Baileys Cr. | P | 15.7 | Mouth | 5,44N,7W | Gasconade | Osage | | x | x | | | B | | | |
| Baileys Cr. | C | 6.6 | 5,44N,7W | 20,44N,7W | Osage | | | x | x | | | B | | | |
| Baker Br. | C | 3.5 | Mouth | 35,38N,28W | St. Clair | | | x | x | | | B | | | |
| Baker Cr. | C | 3.5 | 32,29N,15W | 12,28N,16W | Wright | | | x | x | | | B | | | |
| Bald Ridge Cr. | C | 10.0 | Mouth | 13,33N,11W | Pulaski | Texas | | x | x | | | A | | | |
| Ball Pond Hollow | C | 1.5 | Mouth | 32,24N,11W | Ozark | | | x | x | | | B | | | |
| Baltimore Cr. | C | 2.0 | Mouth | 33,33N,9E | Bollinger | | | x | x | | | B | | | |
| Bank Br. | C | 5.5 | Mouth | 35,37N,17W | Camden | | | x | x | x | | B | | | |
| Bannister Hollow | C | 4.3 | Mouth | 36,38N,19W | Camden | | | x | x | | | B | | | |
| Barber Cr. | C | 9.1 | Mouth | 3,65N,22W | Sullivan | Putnam | | x | x | | | B | | | |
| Barbers Cr. | C | 3.3 | Mouth | 8,25N,19W | Christian | | | x | x | | | B | | | |
| Barker Cr. | C | 15.0 | Mouth | 09,43N,23W | Henry | Pettis | | x | x | | | B | | | |
| Barn Hollow | C | 8.2 | Mouth | 18,27N,7W | Texas | Howell | | x | x | | | B | | | |
| Barnes Cr. | C | 1.4 | Mouth | 34,29N,7E | Wayne | | | x | x | | | B | | | |
| Barnes Cr. | C | 1.0 | Mouth | 4,33N,6E | Madison | | | x | x | | | B | | | |
| Barney Cr. | C | 4.8 | Mouth | 24,34N,3W | Dent | | | x | x | | | B | | | |
| Barnitz Prong | P | 4.1 | Mouth | 21,34N,7W | Dent | | | x | x | | | B | | | |
| Barren Cr. | C | 2.8 | Mouth | 3,33N,24W | Polk | | | x | x | | | | x | | |
| Barren Cr. | C | 2.6 | State Line | 8,21N,11W | Ozark | | | x | x | | | B | | | |
| Barren Fk. | P | 7.7 | Mouth | 30,39N,13W | Miller | | | x | x | x | | A | | | |
| Barren Fk. | C | 2.6 | 30,39N,13W | 5,38N,13W | Miller | | | x | x | | | A | | | |
| Barren Fk. | C | 4.4 | Mouth | 5,43N,4W | Franklin | Gasconade | | x | x | | | B | | | |
| Barren Fk. | C | 11.6 | Mouth | 10,23N,14W | Ozark | | | x | x | | | B | | | |
| Barren Fk. | P | 2.0 | Mouth | 29,31N,4W | Shannon | | | x | x | | x | B | | | |
| Barren Fk. | P | 8.2 | 20,31N,4W | 32,32N,4W | Shannon | Dent | | x | x | | | B | | | |
| Barren Fk. | C | 2.6 | 32,32N,4W | 28,32N,4W | Dent | | | x | x | | | B | | | |
| Barren Hollow | C | 0.5 | Mouth | 16,33N,5E | Madison | | | x | x | | | B | | | |
| Barret Hollow | C | 1.5 | Mouth | 1,22N,15W | Ozark | | | x | x | | | B | | | |
| Bartlett Cr. | C | 8.2 | Mouth | 9,49N,17W | Howard | | | x | x | | | B | | | |
| Basin Fk. | C | 13.5 | Mouth | 17,44N,23W | Pettis | | | x | x | | | B | | | |
| Bass Cr. | C | 4.4 | Mouth | Hwy. 63 | Boone | | | x | x | | | A | | | |
| Bates County Drainage Ditch | P | 23.6 | Mouth | 2,39N,33W | Bates | | x | x | x | | | A | x | x | |
| Bates Cr. | P | 1.8 | Mouth | 16,37N,2E | Washington | | | x | x | | | B | | | |
| Bates Cr. | C | 3.2 | 16,37N,2E | 28,37N,2E | Washington | | | x | x | | | | x | | |
| Batts Cr. | C | 5.3 | Mouth | 19,52N,16W | Chariton | Howard | | x | x | | | B | | | |
| Bauer Br. | C | 3.0 | Mouth | 29,43N,21W | Benton | | | x | x | | | B | | | |
| Bay De Charles | P1 | 8.0 | Mouth | 14,58N,5W | Marion | | | x | x | | | A | x | | |
| Baynham Br. | P | 4.0 | Mouth | 17,26N,31W | Newton | | | x | x | | | B | | | |
| Bean Br. | C | 8.7 | Mouth | Hwy. 54 | Audrain | | | x | x | | | B | | | |
| Bean Cr. | C | 6.4 | Mouth | 16,32N,8W | Dent | Texas | | x | x | | | B | x | | |
| Bear Br. | C | 3.6 | Mouth | 6,24N,15W | Ozark | | | x | x | | | B | | | |
| Bear Br. | C | 2.2 | Mouth | 29,31N,3E | Reynolds | Iron | | x | x | | | B | | | |
| Bear Br. | C | 2.0 | Mouth | 19,44N,15W | Moniteau | | | x | x | | | B | | | |
| Bear Br. | C | 1.5 | Mouth | 17,31N,10E | Bollinger | | | x | x | | | B | | | |
| Bear Camp Cr. | C | 4.8 | Mouth | 31,26N,1E | Carter | | | x | x | | | B | | | |
| Bear Claw Spring | P | 0.2 | Mouth | 33,30N,08W | Texas | | | x | x | | | B | | | |
| Bear Cr. | C | 6.0 | Mouth | 31,49N,12W | Boone | | | x | x | | | B | x | | |

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption

CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

IRR LWW AQL CLF CDF WBC SCR DWS IND
SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|----------------|-------|-------|------------|------------|--------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Bear Cr. | C | 1.0 | Mouth | 31,40N,14W | Miller | | | x | x | | | B | | | |
| Bear Cr. | C | 1.8 | Mouth | 31,43N,9W | Osage | | | x | x | | | B | | | |
| Bear Cr. | C | 36.2 | Mouth | 8,61N,14W | Shelby | Adair | x | x | x | | | B | | | |
| Bear Cr. | C | 7.4 | Mouth | 17,40N,27W | Henry | | | x | x | | | | x | | |
| Bear Cr. | P | 3.4 | Mouth | 15,38N,24W | St. Clair | | | x | x | | | A | x | | |
| Bear Cr. | C | 4.1 | 15,38N,24W | 35,38N,24W | St. Clair | | | x | x | | | B | x | | |
| Bear Cr. | C | 9.4 | Mouth | 2,44N,28W | Johnson | | | x | x | | | B | | | |
| Bear Cr. | C | 5.6 | Mouth | 5,33N,28W | Cedar | | | x | x | | | B | | | |
| Bear Cr. | P | 30.7 | Mouth | 20,33N,23W | Cedar | Polk | | x | x | | | B | | | |
| Bear Cr. | C | 12.7 | Mouth | 22,35N,15W | Pulaski | Laclede | | x | x | | | B | | | |
| Bear Cr. | C | 1.8 | Mouth | 25,29N,11W | Texas | | | x | x | | | B | | | |
| Bear Cr. | P | 2.7 | Mouth | 36,47N,5W | Montgomery | | | x | x | | | B | | | |
| Bear Cr. | C | 3.0 | 36,47N,5W | 20,47N,4W | Montgomery | Warren | | x | x | | | B | | | |
| Bear Cr. | C | 16.1 | Mouth | 4,48N,4W | Lincoln | Montgomery | | x | x | | | B | | | |
| Bear Cr. | C | 3.0 | Mouth | 8,37N,4E | St. Francois | | | x | x | | | B | | | |
| Bear Cr. | P | 18.3 | Mouth | 25,30N,6E | Bollinger | Wayne | | x | x | | | A | | | |
| Bear Cr. | P | 5.0 | Mouth | 18,24N,21W | Taney | | | x | x | | | A | x | | |
| Bear Cr. | C | 5.8 | 18,24N,21W | 36,25N,22W | Taney | Christian | | x | x | | | A | x | | |
| Bear Cr. | C | 9.8 | Mouth | 15,54N,36W | Platte | | | x | x | | | B | | | |
| Bear Cr. | P | 1.5 | Mouth | 34,43N,04E | Jefferson | | | x | x | | | B | | | |
| Bear Cr. | C | 4.5 | Mouth | 29,52N,19W | Saline | | | x | x | | | B | | | |
| Bear Cr. | C | 20.0 | Mouth | 33,65N,10W | Lewis | Scotland | | x | x | | | B | | | |
| Bear Cr. | C | 9.4 | Mouth | 8,59N,19W | Linn | | | x | x | | | B | | | |
| Bear Cr. | P | 2.1 | Mouth | 32,57N,4W | Marion | | | x | x | | | B | | | |
| Bear Cr. | C | 8.5 | 32,57N,4W | 29,57N,5W | Marion | | | x | x | | | B | | | |
| Bear Cr. | C | 9.3 | Mouth | 32,46N,25W | Johnson | | | x | x | | | B | | | |
| Beaver Br. | P | 2.0 | Mouth | 36,23N,33W | McDonald | | | x | x | | | B | | | |
| Beaver Br. | C | 3.5 | 36,23N,33W | 19,23N,32W | McDonald | | | x | x | | | B | | | |
| Beaver Br. | P | 1.5 | 19,23N,32W | 17,23N,32W | McDonald | | | x | x | | | B | | | |
| Beaver Cr. | P | 24.1 | Mouth | 29,30N,12W | Wright | Texas | | x | x | x | | B | | | |
| Beaver Cr. | C | 4.2 | 29,30N,12W | 4,29N,12W | Wright | | | x | x | | | A | | | |
| Beaver Cr. | P | 5.7 | 4,29N,12W | 26,29N,12W | Wright | Texas | | x | x | | | B | | | |
| Beaver Cr. | C | 3.8 | Mouth | 33,37N,8W | Phelps | | | x | x | | | A | | | |
| Beaver Cr. | C | 1.2 | Mouth | 14,40N,2W | Crawford | | | x | x | | | B | | | |
| Beaver Cr. | P | 44.5 | Mouth | 23,27N,17W | Taney | Douglas | x | x | x | x | | A | x | | |
| Beaver Cr. | C | 2.0 | 23,27N,17W | 10,27N,17W | Douglas | | | x | x | | | B | | | |
| Beaver Dam Cr. | C | 5.0 | Mouth | Hwy. 54 | Audrain | | | x | x | | | B | | | |
| Beaverdam Cr. | P | 9.5 | Mouth | 9,24N,4E | Butler | Ripley | x | x | x | | | A | | | |
| Beaverdam Cr. | C | 2.0 | 9,24N,4E | 5,24N,4E | Ripley | | | x | x | | | B | | | |
| Beaverdam Cr. | C | 5.7 | Mouth | 02,46N,23W | Pettis | | | x | x | | | B | | | |
| Becky Cobb Cr. | C | 2.7 | Mouth | 29,23N,13W | Ozark | | | x | x | | | B | | | |
| Bee Br. | C | 0.7 | Mouth | 32,46N,23W | Pettis | | | x | x | | | B | | | |
| Bee Br. | C | 5.9 | Mouth | 06,47N,23W | Pettis | | | x | x | | | B | | | |
| Bee Br. | C | 5.3 | Mouth | 20,37N,30W | Vernon | | | x | x | | | B | | | |
| Bee Br. | C | 5.0 | Mouth | 10,55N,17W | Chariton | | | x | x | | | B | | | |
| Bee Cr. | C | 5.8 | Mouth | 7,53N,10W | Monroe | | | x | x | | | B | | | |
| Bee Cr. | C | 1.6 | Mouth | 17,23N,21W | Taney | | | x | x | | x | | x | | |
| Bee Cr. | C | 5.5 | Mouth | 5,21N,20W | Taney | | | x | x | | | A | | | |
| Bee Cr. | C | 29.4 | Mouth | 11,55N,35W | Platte | Buchanan | | x | x | | | B | x | | |

IRR-Irrigation CLF (CLH)-Cool Water Fishery SCR-Secondary Contact Recreation
LWW (LWP)-Livestock & Wildlife Watering CDF (CDH)-Cold Water Fishery DWS-Drinking Water Supply
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life, WBC-Whole Body Contact Recreation
Human Health-Fish Consumption IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|---------------------|-------|-------|------------|-----------------|----------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Bee Fk. | C | 8.7 | Mouth | 30,32N,1W | Reynolds | | | x | x | x | | A | | | |
| Bee Rock Hollow | C | 1.4 | Mouth | 33,31N,07W | Texas | | | x | x | | | B | | | |
| Bee Run | C | 2.1 | Mouth | 24,38N,04E | St. Francois | | | x | x | | | B | | | |
| Beecham Br. | C | 1.6 | Mouth | 01,36N,29W | Vernon | | | x | x | | | B | | | |
| Beef Br. | P | 2.5 | Mouth | 11,26N,33W | Newton | | | x | x | | | B | | | |
| Beehole Hollow | C | 2.0 | Mouth | 33,26N,4E | Butler | | | x | x | | | B | | | |
| Beeler Br. | P | 1.2 | Mouth | 7,28N,10W | Texas | | | x | x | | | B | | | |
| Beeler Br. | C | 1.2 | 7,28N,10W | 18,28N,10W | Texas | | | x | x | | | B | | | |
| Beeman Br. | P | 1.0 | 14,23N,34W | 24,23N,34W | McDonald | | | x | x | | | B | | | |
| Belew Cr. | P | 7.0 | Mouth | 28,41N,04E | Jefferson | | | x | x | | | B | | | |
| Bell Cr. | C | 6.0 | Mouth | 09,37N,12W | Pulaski | | | x | x | | | | | x | |
| Bell Fountain Ditch | P | 18.0 | 29,16N,9E | 12,16N,11E | Dunklin | Pemiscot | | x | x | | | B | | | |
| Belleau Cr. | C | 5.1 | Mouth | 6,47N,4E | St. Charles | | | x | x | | | | | x | |
| Bellevue Cr. | C | 1.5 | 32,35N,3E | 2113,35N,3E | Iron | | | x | x | | | B | | | |
| Ben Br. | C | 1.0 | Mouth | 22,44N,8W | Osage | | | x | x | | | B | | | |
| Bender Cr. | P | 4.3 | Mouth | 13,31N,9W | Texas | | | x | x | | | B | | | |
| Bender Cr. | C | 3.4 | 13,31N,9W | 5,31N,8W | Texas | | | x | x | | | B | | | |
| Bennett Cr. | C | 2.5 | Mouth | 30,30N,6E | Wayne | | | x | x | | | B | | | |
| Bennett Hollow | C | 1.8 | Mouth | 13,23N,15W | Ozark | | | x | x | | | B | | | |
| Bennett Springs Cr. | P | 1.6 | Mouth | Bennett Springs | Laclede | Dallas | | x | x | | x | B | | | |
| Bennetts Bayou | P | 5.3 | State Line | 30,22N,10W | Ozark | Howell | | x | x | | | B | | | |
| Bennetts Bayou | C | 3.0 | 30,22N,10W | 16,22N,10W | Howell | | | x | x | | | B | | | |
| Bennetts R. | C | 5.0 | State Line | 24,22N,10W | Howell | | | x | x | | | B | | | |
| Benton Br. | P | 0.5 | Mouth | 11,34N,19W | Dallas | | | x | x | | | B | | | |
| Benton Br. | C | 1.0 | 11,34N,19W | 11,34N,19W | Dallas | | | x | x | | | B | | | |
| Benton Cr. | P | 6.8 | Mouth | 29,36N,5W | Crawford | | | x | x | | | A | | | |
| Benton Cr. | C | 2.0 | 29,36N,5W | 31,36N,5W | Crawford | | | x | x | | | B | | | |
| Big Barren Cr. | C | 23.4 | Mouth | 32,26N,2W | Ripley | Carter | | x | x | x | | A | | | |
| Big Berger Cr. | P | 12.5 | Mouth | 26,45N,4W | Franklin | | | x | x | | | B | | | |
| Big Berger Cr. | C | 8.8 | 26,45N,4W | 17,44N,4W | Franklin | Gasconade | | x | x | | | B | | | |
| Big Blue Br. | P | 0.8 | Mouth | 12,31N,9E | Bollinger | | | x | x | | | B | | | |
| Big Blue Br. | C | 1.5 | 12,31N,9E | 6,31N,10E | Bollinger | | | x | x | | | B | | | |
| Big Bottom Cr. | C | 1.5 | Mouth | Lake Anne | Ste. Genevieve | | | x | x | | | | | x | |
| Big Bottom Cr. | C | 2.1 | Lake Anne | 13,37N,07E | Ste. Genevieve | | | x | x | | | B | | | |
| Big Br. | C | 0.5 | Mouth | 22,43N,04W | Franklin | | | x | x | | | B | | | |
| Big Br. | C | 2.8 | Mouth | 22,46N,11W | Callaway | | | x | x | | | B | | | |
| Big Branch | C | 3.4 | Mouth | 23,44N,04W | Franklin | | | x | x | | | B | | | |
| Big Brushy Cr. | P | 9.2 | Mouth | 9,27N,3E | Wayne | Carter | | x | x | | | A | | | |
| Big Brushy Cr. | C | 7.6 | 9,27N,3E | 4,27N,2E | Carter | | | x | x | | | B | | | |
| Big Buffalo Cr. | P | 5.6 | Mouth | 06,41N,19W | Benton | Morgan | | x | x | x | | B | | x | |
| Big Buffalo Cr. | C | 2.8 | 06,41N,19W | 28,42N,19W | Morgan | | x | x | x | | | B | | | |
| Big Cane Cr. | C | 4.9 | State Line | 26,22N,5E | Butler | | x | x | x | | | B | | | |
| Big Cr. | P | 70.5 | Mouth | 34,47N,31W | Henry | Jackson | | x | x | | | B | | | |
| Big Cr. | C | 3.3 | Mouth | 16,42N,3W | Franklin | | | x | x | | | | | x | |
| Big Cr. | P | 10.3 | Mouth | 25,48N,1W | Lincoln | | | x | x | | | A | | x | |
| Big Cr. | C | 17.7 | 25,48N,1W | 8,47N,2W | Lincoln | Warren | | x | x | | | B | | x | |
| Big Cr. | C | 2.0 | Mouth | 3,22N,25W | Barry | | | x | x | | | B | | | |
| Big Cr. | C | 9.0 | Mouth | 25,23N,17W | Taney | | | x | x | | | A | | | |
| Big Cr. | P | 23.0 | Mouth | 5,31N,2W | Shannon | | | x | x | | | A | | | |
| Big Cr. | C | 28.7 | Mouth | 5,29N,8W | Shannon | Texas | | x | x | x | | B | | | |

IRR-LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption

CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|--------------------|-------|-------|------------------|----------------------|-------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Big Cr. | P | 34.1 | Mouth | 23,33N,3E | Wayne | Iron | | x | x | x | | A | x | | |
| Big Cr. | C | 0.8 | 23,33N,3E | 23,33N,3E | Iron | | | x | x | | | B | | | |
| Big Cr. | C | 4.3 | 34,47N,31W | 20,47N,31W | Jackson | | | x | x | | | B | | | |
| Big Cr. | P | 31.5 | Mouth | 9,63N,28W | Daviess | Harrison | | x | x | | | B | | x | |
| Big Cr. | C | 1.5 | 9,54N,23W | 17,54N,23W | Carroll | | | x | x | | | B | | | |
| Big Cr. | P | 31.6 | Mouth | 9,54N,23W | Carroll | | | x | x | | | B | | | |
| Big Cr. | P | 6.1 | Mouth | 29,31N,7E | Wayne | Madison | | x | x | | | A | | | |
| Big Cr. Cutoff | C | 1.5 | Mouth | 1,30N,3E | Iron | | | x | x | | | B | | | |
| Big Deer Cr. | C | 4.6 | Mouth | 27,42N,31W | Bates | | | x | x | | | B | | | |
| Big George Br. | C | 3.0 | Mouth | 18,32N,28W | Barton | Dade | | x | x | | | B | | | |
| Big Gulch | C | 2.2 | Mouth | 3,27N,11W | Douglas | | | x | x | | | B | | | |
| Big Hollow | C | 3.2 | Mouth | 23,22N,21W | Taney | | | x | x | | | B | | | |
| Big Hollow Br. | C | 2.0 | Mouth | 17,32N,10E | Bollinger | | | x | x | | | B | | | |
| Big Hunting Slough | C | 15.9 | Mouth | 24,23N,6E | Butler | | | x | x | | | B | | | |
| Big Lake Bayou | C | 11.3 | Mouth | 25,27N,15E | Mississippi | | | x | x | | | B | | | |
| Big Lake Cr. | P | 6.4 | Mouth | 19,28N,5E | Wayne | | | x | x | | | B | | | |
| Big Lake Cr. | C | 4.4 | 19,28N,5E | 36,29N,4E | Wayne | | | x | x | | | B | | | |
| Big Lead Cr. | C | 5.0 | 27,50N,2W | 18,50N,2W | Lincoln | | | x | x | | | B | | | |
| Big Muddy Cr. | P | 8.0 | Mouth | 33,60N,27W | Daviess | | | x | x | | | B | | | |
| Big Muddy Cr. | C | 12.0 | 33,60N,27W | 09,61N,27W | Daviess | | | x | x | | | | x | | |
| Big Muddy Cr. | P | 10.2 | Mouth | 11,64N,30W | Gentry | | | x | x | | | B | | | |
| Big Muddy Cr. | C | 10.9 | 11,64N,30W | 3,65N,29W | Gentry | Harrison | | x | x | | | B | | | |
| Big No Cr. | C | 4.9 | Mouth | 26,63N,23W | Grundy | | | x | x | | | B | | | |
| Big Otter Cr. | C | 2.0 | Mouth | 31,40N,25W | Henry | | | x | x | | | B | | | |
| Big Paddy Cr. | C | 4.0 | Mouth | 32,33N,10W | Texas | | | x | x | | | B | | | |
| Big Piney R. | P | 96.8 | Mouth | 16,29N,10W | Pulaski | Texas | x | x | x | x | | A | x | x | |
| Big Piney R. | P | 7.8 | 16,29N,10W | 12,28N,11W | Texas | | | x | x | | | A | x | x | |
| Big R. | P | 55.6 | Mouth | Sur 3166, 40N,3E | Jefferson | | x | x | x | x | | A | x | | x |
| Big R. | P | 81.3 | Sur 3166, 40N,3E | 12,35N,1E | Jefferson | Washington | | x | x | | | A | | | x |
| Big R. | C | 2.8 | 12,35N,1E | Council Bluff Lk. D. | Washington | Iron | | x | x | | | B | | | |
| Big R. | C | 2.0 | Mouth | 32,35N,1E | Iron | | | x | x | | | B | | | |
| Big River Cr. | C | 0.7 | Mouth | 04,40N,05W | Gasconade | | | x | x | | | B | | | |
| Big Rock Cr. | C | 5.9 | 8,65N,30W | 36,66N,30W | Worth | | | x | x | | | B | | | |
| Big Rock Cr. | P | 3.7 | Mouth | 8,65N,30W | Worth | | | x | x | | | B | | | |
| Big Sugar Cr. | P | 39.3 | Mouth | 26,21N,29W | McDonald | Barry | x | x | x | x | | A | x | | |
| Big Sugar Cr. | C | 4.9 | 26,21N,29W | 20,21N,28W | Barry | | | x | x | | | B | | | |
| Big Tavern Cr. | C | 3.2 | Mouth | 23,46N,7W | Callaway | | | x | x | | | B | | | |
| Bigelow's Cr. | C | 5.0 | Mouth | 15,44N,01E | St. Charles | | | x | x | | | B | x | | |
| Billies Cr. | C | 6.6 | Mouth | 36,29N,25W | Lawrence | | | x | x | | | B | | | |
| Billy Cr. | C | 5.5 | Mouth | 6,62N,16W | Adair | | | x | x | | | B | | | |
| Billys Br. | C | 11.5 | Mouth | 19,59N,13W | Macon | | | x | x | | | B | | | |
| Billy's Br. | C | 1.6 | 06,37N,01W | 05,37N,01W | Washington | | | x | x | | | B | | | |
| Billy's Br. | P | 2.4 | Mouth | 06,37N,01W | Crawford | Washington | | x | x | | | B | | | |
| Birch Cr. | C | 4.5 | Mouth | 6,42N,1E | Franklin | | | x | x | | | B | | | |
| Bird Br. | C | 1.0 | Mouth | 14,41N,22W | Benton | | | x | x | | | B | | | |
| Birkhead Br. | C | 2.0 | Mouth | 17,49N,02E | Lincoln | | | x | x | | | | x | | |
| Bitterroot Cr. | C | 3.0 | Mouth | 30,37N,33W | Vernon | | | x | x | | | B | | | |

IRR-LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption
CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|---------------------|-------|-------|----------------|----------------|----------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Black Cr. | P | 19.4 | Mouth | 29,58N,10W | Shelby | | | x | x | | | B | | | |
| Black Cr. | C | 21.8 | 29,58N,10W | 11,59N,12W | Shelby | | | x | x | | | B | | | |
| Black Cr. | C | 7.3 | Mouth | 35,43N,32W | Cass | | | x | x | | | B | | | |
| Black Cr. | P | 1.6 | Mouth | 21,45N,6E | St. Louis | | | x | x | | | B | x | | |
| Black Jack Cr. | C | 5.0 | Mouth | 16,47N,25W | Johnson | | | x | x | | | B | | | |
| Black R. | P | 26.9 | 7,29N,3E | 17,32N,2E | Reynolds | | x | x | x | x | | A | x | | x |
| Black R. | P | 47.1 | State Line | 16,25N,6E | Butler | | x | x | x | x | | A | x | x | |
| Black R. | P | 39.0 | 16,25N,6E | Clearwater Dam | Butler | Wayne | x | x | x | x | | A | x | x | |
| Black R. Ditch | P | 11.1 | State Line | 32,23N,7E | Butler | | x | x | x | | | B | | | |
| Blackberry Cr. | C | 6.5 | Mouth | 28,30N,33W | Jasper | | | x | x | | | B | | | |
| Blackbird Cr. | P | 9.4 | Mouth | 2,64N,17W | Adair | Putnam | | x | x | | | A | | | |
| Blackwater R. | P | 79.4 | Mouth | 12,46N,27W | Cooper | Johnson | x | x | x | | | A | x | x | |
| Blair Cr. | P | 8.2 | Mouth | 31,30N,2W | Shannon | | | x | x | | | B | | | |
| Blair Cr. | C | 4.3 | 31,30N,2W | 18,30N,2W | Shannon | | | x | x | | | B | | | |
| Blair Hollow | C | 1.5 | Mouth | 1,22N,12W | Ozark | | | x | x | | | B | | | |
| Blay Cr. | C | 2.0 | Mouth | 36,37N,3E | St. Francois | Washington | | x | x | | | B | | | |
| Block Br. | P | 0.6 | Mouth | 18,41N,04W | Gasconade | | | x | x | | | B | | | |
| Block Br. | C | 1.6 | 18,41N,04W | 11,41N,05W | Gasconade | | | x | x | | | B | | | |
| Bloom Cr. | C | 3.0 | Mouth | 36,36N,7E | Ste. Genevieve | | | x | x | | | | | x | |
| Blue Cr. | P | 1.5 | Mouth | 6,33N,9E | Bollinger | | | x | x | | | B | | | |
| Blue Cr. | C | 1.0 | 6,33N,9E | 7,33N,9E | Bollinger | | | x | x | | | B | | | |
| Blue Cr. | C | 1.7 | Mouth | 31,46N,8W | Callaway | | | x | x | | | B | | | |
| Blue Cr. | P | 1.8 | Mouth | 5,50N,17W | Howard | | | x | x | | | B | | | |
| Blue Cr. | C | 2.6 | 5,50N,17W | 4,50N,17W | Howard | | | x | x | | | B | | | |
| Blue Ditch | P | 5.8 | Mouth | 14,27N,14E | Scott | | x | x | x | | | B | x | | |
| Blue Ditch | C | 5.8 | 14,27N,14E | 29,28N,14E | Scott | | x | x | x | | | B | x | | |
| Blue R. | P | 4.4 | Mouth | 6,49N,32W | Jackson | | | x | x | | | B | | | x |
| Blue R. | P | 9.4 | 6,49N,32W | 2,48N,33W | Jackson | | | x | x | | | B | x | | x |
| Blue R. | P | 7.7 | 2,48N,33W | 28,48N,33W | Jackson | | | x | x | | | A | x | | |
| Blue R. | C | 12.0 | 28,48N,33W | State Line | Jackson | | | x | x | | | B | x | | |
| Blue Shawnee Cr. | P | 1.6 | 8,33N,13E | 17,33N,13E | Cape Girardeau | | | x | x | | | B | | | |
| Blue Shawnee Cr. | C | 2.5 | 17,33N,13E | 29,33N,13E | Cape Girardeau | | | x | x | | | B | | | |
| Blue Spring Cr. | P | 1.5 | Mouth | 35,41N,16W | Miller | | | x | x | | | B | | | |
| Blue Spring Cr. | C | 0.5 | 35,41N,16W | 26,41N,16W | Miller | | | x | x | | | B | | | |
| Blue Spring Slough | C | 15.8 | 34,24N,7E | 35,26N,7E | Butler | | | x | x | | | B | | | |
| Blue Springs Cr. | P | 4.3 | Mouth | 2,39N,3W | Crawford | | | x | x | | x | A | | | |
| Blue Springs Cr. | C | 1.2 | 2,39N,3W | 3,39N,3W | Crawford | | | x | x | | | B | | | |
| Bluewater Cr. | C | 1.5 | Mouth | 11,26N,6E | Wayne | Butler | | x | x | | | B | | | |
| Blythes Cr. | P | 6.9 | Mouth | 27,42,15W | Moniteau | Miller | | x | x | | | B | x | | |
| Bobs Cr. | P1 | 4.9 | Mouth | Sur 306,49N,2E | Lincoln | | | x | x | | | B | | | |
| Bobs Cr. | P | 1.7 | Sur 306,49N,2E | 34,49N,2E | Lincoln | | | x | x | | | B | | | |
| Bobs Cr. | C | 14.2 | 34,49N,2E | 27,50N,1E | Lincoln | | | x | x | | | B | x | | |
| Boeuf Cr. | P | 30.7 | Mouth | 22,43N,4W | Franklin | | x | x | x | | | A | | | |
| Boeuf Cr. | C | 8.5 | 15,43N,4W | 5,42N,4W | Gasconade | | | x | x | | | B | | | |
| Boiling Spr. Hollow | C | 1.5 | Mouth | 3,36N,1W | Washington | | | x | x | | | B | | | |
| Boiling Spring | P | 0.1 | Mouth | 24,32N,10W | Texas | | | x | x | | | B | | | |
| Bois Brule Cr. | P | 1.8 | Mouth | 20,42N,12W | Cole | | | x | x | | | B | | | |
| Bois Brule Cr. | C | 9.5 | 20,42N,12W | 20,42N,13W | Cole | | | x | x | | | B | | | |
| Bois Brule Ditch | P | 4.7 | Mouth | 16,36N,11E | Perry | | | x | x | | | B | | | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation

CLF (CLH)-Cool Water Fishery

SCR-Secondary Contact Recreation

LWW (LWP)-Livestock & Wildlife Watering

CDF (CDH)-Cold Water Fishery

DWS-Drinking Water Supply

AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,

WBC-Whole Body Contact Recreation

Human Health-Fish Consumption

IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|-------------------|-------|-------|------------|-------------|-------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Bollinger Br. | C | 3.0 | Mouth | 15,24N,12W | Ozark | | | x | x | | | B | | | |
| Bollinger Cr. | C | 2.4 | 5,39N,18W | 7,39N,18W | Camden | | | x | x | | | B | | | |
| Bones Br. | C | 8.3 | Mouth | 29,41N,31W | Bates | | | x | x | | | B | | | |
| Bonhomme Cr. | C | 2.5 | Mouth | Sur | St. Louis | | | x | x | | | B | | | |
| | | | | 2031,45N,4E | | | | | | | | | | | |
| Bonne Femme Cr. | P | 7.8 | Mouth | 20,47N,12W | Boone | | | x | x | | | A | | | |
| Bonne Femme Cr. | C | 7.0 | 20,47N,12W | 2,47N,12W | Boone | | | x | x | | | B | | | |
| Bonne Femme Cr. | P | 24.0 | Mouth | 36,51N,16W | Howard | | | x | x | | | B | | | |
| Bonne Femme Cr. | C | 13.0 | 36,51N,16W | 22,52N,15W | Howard | Randolph | | x | x | | | B | | | |
| Boone Cr. | P | 3.8 | Mouth | 16,32N,9W | Texas | | | x | x | | | B | | | |
| Boone Cr. | C | 1.7 | 16,32N,9W | 15,32N,9W | Texas | | | x | x | | | B | | | |
| Boone Cr. | P | 3.5 | Mouth | 29,41N,3W | Franklin | | | x | x | | | B | | | |
| Boone Cr. | C | 8.0 | 29,41N,3W | 15,40N,3W | Franklin | | | x | x | | | B | | | |
| Boones Br. | C | 2.5 | Mouth | 5,49N,17W | Howard | | | x | x | | | B | | | |
| Bounds Cr. | C | 2.2 | Mouth | 30,29N,6E | Wayne | | | x | x | | | B | | | |
| Bourbeuse R. | P | 136.7 | Mouth | 4,39N,6W | Franklin | Phelps | x | x | x | x | | A | x | x | |
| Bourbeuse R. | C | 11.1 | 4,39N,6W | 12,38N,7W | Phelps | | | x | x | x | | A | x | | |
| Bourne Cr. | P | 1.9 | Mouth | 15,42N,4E | Jefferson | | | x | x | | | B | | | |
| Bradley Br. | C | 2.2 | Mouth | 7,45N,26W | Johnson | | | x | x | | | B | | | |
| Brashear Hollow | C | 0.9 | Mouth | 33,39N,15W | Camden | | | x | x | | | B | | | |
| Brawley Cr. | C | 2.8 | Mouth | 26,45N,26W | Johnson | | | x | x | | | B | x | | |
| Bray Hollow | C | 1.0 | Mouth | 27,23N,15W | Ozark | | | x | x | | | B | | | |
| Brazeau Cr. | P | 10.8 | Mouth | 17,34N,13E | Perry | | | x | x | | | B | | | |
| Brazil Cr. | P | 13.9 | Mouth | 27,38N,1W | Crawford | Washington | | x | x | | | A | | | |
| Brazil Cr. | C | 1.8 | 27,38N,1W | 26,38N,1W | Washington | | | x | x | | | B | | | |
| Brewer Lake | P | 3.5 | 8,26N,18E | 36,27N,17E | Mississippi | | | x | x | | | B | | | |
| Brewer Lake Ditch | C | 4.5 | 5,26N,18E | 20,26N,18E | Mississippi | | | x | x | | | B | | | |
| Brewers Cr. | P | 2.5 | Mouth | 29,34N,5E | Madison | | | x | x | | | B | | | |
| Brewers Cr. | C | 1.0 | 29,34N,5E | 19,34N,5E | Madison | | | x | x | | | B | | | |
| Briar Cr. | C | 6.4 | Mouth | 13,23N,1E | Ripley | | | x | x | | | B | | | |
| Brickley Hollow | C | 0.8 | Mouth | 35,41N,21W | Benton | | | x | x | | | B | | | |
| Bridge Cr. | C | 1.7 | Mouth | 36,55N,23W | Carroll | | | x | x | | | B | | | |
| Bridge Cr. | C | 8.4 | Mouth | 7,65N,13W | Scotland | Schuyler | | x | x | | | B | | | |
| Bridge Cr. | C | 27.0 | Mouth | 13,63N,12W | Lewis | Knox | | x | x | | | B | | | |
| Bridges Cr. | C | 6.4 | Mouth | 17,22N,11W | Ozark | | | x | x | | | B | | | |
| Bright Hollow | C | 2.0 | Mouth | 32,25N,20W | Taney | Christian | | x | x | | | B | | | |
| Brixey Cr. | C | 2.5 | Mouth | 17,24N,13W | Ozark | | | x | x | | | B | | | |
| Broadus Br. | C | 2.1 | Mouth | 15,37N,18W | Camden | | | x | x | | | B | | | |
| Brock Cr. | P | 3.2 | Mouth | 3,35N,1E | Washington | | | x | x | | | B | | | |
| Brock Cr. | C | 1.5 | 3,35N,1E | 4,35N,1E | Washington | | | x | x | | | B | | | |
| Browning Hollow | C | 1.0 | Mouth | 20,26N,26W | Lawrence | | | x | x | | | B | | | |
| Browns Br. | C | 2.5 | Mouth | 6,43N,1E | Franklin | | | x | x | | | B | | | |
| Browns Br. | C | 3.7 | 6,43N,1E | 13,43N,01W | Franklin | | | x | x | | | B | | | |
| Brush Cr. | C | 5.3 | Mouth | 14,56N,10W | Monroe | | | x | x | | | B | | | |
| Brush Cr. | C | 3.4 | Mouth | 2,53N,9W | Monroe | | | x | x | | | B | | | |
| Brush Cr. | C | 0.8 | Mouth | 32,40N,17W | Camden | | | x | x | | | B | | | |
| Brush Cr. | P | 2.2 | Mouth | 19,42N,23W | Henry | Benton | | x | x | | | B | | | |
| Brush Cr. | C | 2.3 | Mouth | 27,38N,25W | St. Clair | Polk | | x | x | | | B | | | |
| Brush Cr. | P | 12.2 | Mouth | 31,36N,24W | St. Clair | | | x | x | x | | A | | | |
| Brush Cr. | P | 4.7 | 31,36N,24W | 16,35N,24W | St. Clair | Polk | | x | x | | | B | | | |

IRR Irrigation

LWW (LWP)-Livestock & Wildlife Watering

AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,

Human Health-Fish Consumption

CLF (CLH)-Cool Water Fishery

CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation

DWS-Drinking Water Supply

WBC-Whole Body Contact Recreation

IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|------------|-------|-------|------------|-----------------|----------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Brush Cr. | P | 3.5 | Mouth | 18,42N,8W | Osage | | | x | x | | | B | | | |
| Brush Cr. | C | 2.4 | 18,42N,8W | 11,42N,9W | Osage | | | x | x | | | B | | | |
| Brush Cr. | P | 6.5 | Mouth | 27,33N,16W | Laclede | | | x | x | | | B | | | |
| Brush Cr. | C | 2.5 | 27,33N,16W | 32,33N,16W | Laclede | | | x | x | | | B | x | | |
| Brush Cr. | C | 2.5 | Mouth | 11,43N,2E | St. Louis | Franklin | | x | x | | | B | | | |
| Brush Cr. | C | 7.8 | Mouth | 10,49N,4W | Montgomery | | | x | x | | | B | | | |
| Brush Cr. | P | 1.4 | Mouth | 3,40N,1W | Franklin | | | x | x | | | B | | | |
| Brush Cr. | C | 2.0 | 3,40N,1W | 10,40N,1W | Franklin | | | x | x | | | B | | | |
| Brush Cr. | C | 1.3 | Mouth | 26,41N,6W | Gasconade | | | x | x | | | B | | | |
| Brush Cr. | P | 17.5 | Mouth | Indian Lake Dam | Gasconade | Crawford | | x | x | | | A | | | |
| Brush Cr. | C | 2.0 | 23,39N,5W | 27,39N,5W | Crawford | | | x | x | | | B | | | |
| Brush Cr. | P | 7.4 | Mouth | 11,25N,13W | Ozark | Douglas | | x | x | | | B | | | |
| Brush Cr. | C | 1.5 | 11,25N,13W | 1,25N,13W | Douglas | | | x | x | | | B | | | |
| Brush Cr. | C | 7.4 | Mouth | 8,51N,34W | Platte | | | x | x | | | B | x | | |
| Brush Cr. | C | 2.3 | Mouth | 24,28N,8E | Wayne | | | x | x | | | B | | | |
| Brush Cr. | C | 8.0 | 19,42N,23W | 35,43N,23W | Benton | | | x | x | | | B | | | |
| Brush Cr. | P | 1.8 | Mouth | 17,43N,10W | Osage | | | x | x | | | B | | | |
| Brush Cr. | C | 2.0 | 16,35N,24W | 22,35N,24W | Polk | | | x | x | | | B | | | |
| Brush Cr. | C | 5.9 | Mouth | 36,50N,27W | Lafayette | | | x | x | | | B | | | |
| Brush Cr. | C | 4.5 | Mouth | 26,66N,25W | Mercer | | | x | x | | | B | | | |
| Brush Cr. | C | 5.0 | Mouth | 8,65N,26W | Harrison | | | x | x | | | B | | | |
| Brush Cr. | C | 26.3 | Mouth | 2,59N,17W | Chariton | Macon | | x | x | | | B | | | |
| Brush Cr. | P | 0.5 | Mouth | 27,43N,14W | Cole | | | x | x | | | B | | | |
| Brush Cr. | C | 5.0 | 27,43N,14W | 16,42N,14W | Cole | Miller | | x | x | | | | x | | |
| Brush Fk. | C | 1.4 | Mouth | 23,45N,06W | Gasconade | | | x | x | | | B | | | |
| Brushy Br. | C | 1.5 | Mouth | 1,42N,6W | Gasconade | | | x | x | | | B | | | |
| Brushy Br. | C | 1.8 | Mouth | 11,49N,7W | Callaway | | | x | x | | | B | | | |
| Brushy Cr. | P | 1.4 | Mouth | 04,40N,20W | Benton | | | x | x | | | B | | | |
| Brushy Cr. | P | 3.5 | Mouth | 5,30N,9W | Texas | | | x | x | | | B | | | |
| Brushy Cr. | C | 3.8 | 5,30N,9W | 14,30N,09W | Texas | | | x | x | | | B | | | |
| Brushy Cr. | C | 3.0 | Mouth | Sur | Lincoln | | | x | x | | | B | | | |
| | | | | 1708,51N,1W | | | | | | | | | | | |
| Brushy Cr. | C | 3.0 | Mouth | 4,43N,2W | Franklin | | | x | x | | | B | x | | |
| Brushy Cr. | C | 1.9 | Mouth | 7,35N,9E | Ste. Genevieve | | | x | x | | | B | | | |
| Brushy Cr. | C | 6.4 | Mouth | 31,24N,17W | Taney | | | x | x | | | B | | | |
| Brushy Cr. | P | 3.0 | Mouth | 17,30N,3W | Shannon | | | x | x | | | B | | | |
| Brushy Cr. | C | 1.6 | 17,30N,3W | 16,30N,3W | Shannon | | | x | x | | | B | | | |
| Brushy Cr. | C | 4.5 | Mouth | 25,33N,1W | Reynolds | | | x | x | | | B | | | |
| Brushy Cr. | P | 3.0 | Mouth | 28,27N,4E | Wayne | | | x | x | | | A | | | |
| Brushy Cr. | C | 1.9 | 28,27N,4E | 30,27N,4E | Wayne | | | x | x | | | A | | | |
| Brushy Cr. | C | 1.0 | Mouth | 34,31N,4E | Iron | | | x | x | | | B | | | |
| Brushy Cr. | C | 12.1 | Mouth | State Line | Nodaway | Worth | | x | x | | | B | | | |
| Brushy Cr. | C | 1.5 | Mouth | 27,46N,23W | Pettis | | | x | x | | | | x | | |
| Brushy Cr. | C | 7.0 | Mouth | 18,54N,29W | Caldwell | Ray | | x | x | | | B | x | | |
| Brushy Cr. | C | 0.5 | 32,46N,21W | 5,45N,21W | Pettis | | | x | x | | | B | | | |
| Brushy Cr. | C | 2.2 | Mouth | 1,52N,32W | Clay | | | x | x | | | B | | | |
| Brushy Cr. | C | 5.4 | Mouth | 30,60N,26W | Daviess | | | x | x | | | B | | | |
| Brushy Cr. | C | 8.1 | Mouth | 8,57N,29W | Caldwell | | | x | x | | | B | | | |
| Brushy Cr. | C | 4.5 | Mouth | 36,65N,14W | Schuyler | | | x | x | | | B | | | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation

CLF (CLH)-Cool Water Fishery

SCR-Secondary Contact Recreation

LWW (LWP)-Livestock & Wildlife Watering

CDF (CDH)-Cold Water Fishery

DWS-Drinking Water Supply

AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,

WBC-Whole Body Contact Recreation

Human Health-Fish Consumption

IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|---|-------|-------|------------|------------------------------|----------------|-----------|-----|-----------------------------------|-----|-----|-----|-----|-----|-----|-----|
| Brushy Cr. | C | 5.2 | Mouth | 7,46N,11W | Boone | | | x | x | | | B | | | |
| Brushy Cr. | P | 3.8 | Mouth | SW 32,46N,21W | Pettis | | | x | x | | | B | | | |
| Brushy Fk. | C | 5.0 | Mouth | 12,39N,14W | Miller | | | x | x | x | | A | | | |
| Brushy Fk. | C | 1.0 | Mouth | 12,38N,1W | Washington | | | x | x | | | B | | | |
| Brushy Fk. | C | 4.0 | Mouth | 21,49N,2E | Lincoln | | | x | x | | | | | x | |
| Brushy Hollow | C | 1.0 | Mouth | 25,23N,15W | Ozark | | | x | x | | | B | | | |
| Brushy Hollow Br. | P | 1.3 | Mouth | Sur 430,37N,2E | Washington | | | x | x | | | B | | | |
| Bryant Cr. | P | 1.0 | 3,23N,12W | 34,24N,12W | Ozark | | | x | x | | x | A | | x | |
| Bryant Cr. | P | 16.4 | Mouth | 3,23N,12W | Ozark | Douglas | | x | x | x | | A | | x | |
| Bryant Cr. | P | 44.8 | 34,24N,12W | 17,27N,15W | Ozark | Douglas | | x | x | x | | A | | x | |
| Bryants Cr. | C | 15.9 | Mouth | 28,51N,1E | Pike | Lincoln | | x | x | | | B | | | |
| Buchler Cr. | P | 1.4 | Mouth | 14,42N,09W | Osage | | | x | x | | | B | | | |
| Buck Br. | C | 5.5 | Mouth | 18,29N,31W | Jasper | | | x | x | | | B | | | |
| Buck Cr. | C | 1.5 | Mouth | 23,42N,8W | Osage | | | x | x | | | B | | | |
| Buck Cr. | C | 1.0 | Mouth | 14,40N,5E | Jefferson | | | x | x | | | B | | | |
| Buck Cr. | P | 4.0 | Mouth | 24,33N,9E | Bollinger | | | x | x | | | B | | | |
| Buck Cr. | C | 1.2 | 24,33N,9E | 14,33N,9E | Bollinger | | | x | x | | | B | | | |
| Buck Elk Br. | C | 1.0 | Mouth | 11,41N,8W | Osage | | | x | x | | | B | | | |
| Buck Elk Cr. | P | 1.5 | Mouth | 9,41N,8W | Osage | | | x | x | | | B | | | |
| Buck Elk Cr. | C | 1.0 | 9,41N,8W | 10,41N,8W | Osage | | | x | x | | | B | | | |
| Buckeye Cr. | P | 3.4 | Mouth | 14,33N,12E | Cape Girardeau | | | x | x | | | B | | | |
| Buckeye Cr. | C | 2.6 | Hwy 61 | 26,33N,12E | Cape Girardeau | | | x | x | | | B | | | |
| Bucklick Cr. | C | 5.4 | Mouth | 30,44N,2W | Franklin | | | x | x | | | B | | | |
| Buffalo Cr. | P | 3.4 | Mouth | 5,53N,1W | Pike | | | x | x | | | B | | | |
| Buffalo Cr. | C | 3.7 | 5,53N,1W | 19,53N,1W | Pike | | | x | x | | | B | | | |
| Buffalo Cr. | P | 5.4 | Mouth | 20,24N,1E | Ripley | | x | x | x | | | B | | | |
| Buffalo Cr. | P | 10.7 | State Line | 7,23N,33W | McDonald | | x | x | x | x | x | A | | x | |
| Buffalo Cr. | P | 8.0 | 5,23N,33W | 14,24N,33W | McDonald | Newton | x | x | x | x | | A | | x | |
| Buffalo Cr. | C | 1.7 | 14,24N,33W | 12,24N,33W | Newton | | | x | x | | | B | | | |
| Buffalo Cr. | C | 2.1 | Mouth | 28,48N,22W | Saline | Pettis | | x | x | | | B | | | |
| Buffalo Ditch | P | 17.3 | State Line | 11,18N,9E | Dunklin | | | x | x | | | B | | | |
| Buffalo Ditch | C | 3.0 | 11,18N,9E | 36,19N,9E | Dunklin | | | x | x | | | B | | | |
| Bull Cr. | P | 5.0 | Mouth | 34,24N,21W | Taney | | x | x | x | | x | A | | x | |
| Bull Cr. | P | 18.9 | 34,24N,21W | 33,26N,20W | Taney | Christian | x | x | x | x | | A | | x | |
| Bull Cr. | C | 3.2 | 33,26N,20W | 22,26N,20W | Christian | | | x | x | | | A | | | |
| Bullskin Cr. | P | 4.9 | Mouth | 26,24N,32W | McDonald | Newton | x | x | x | | | B | | | |
| Buncomb Br. | C | 1.2 | Mouth | 25,48N,23W | Pettis | | | x | x | | | B | | | |
| Burgher Br. | C | 1.5 | Mouth | 07,37N,07W | Phelps | | | x | x | | | B | | x | |
| Burkhart Br. | C | 3.7 | Mouth | 12,31N,12W | Texas | | | x | x | | | B | | | |
| Burney Br. | C | 4.5 | Mouth | 21,31N,24W | Dade | Greene | | x | x | | | B | | | |
| Burr Oak Cr. | C | 6.8 | Mouth | 19,49N,31W | Jackson | | | x | x | | | B | | | |
| Burr Oak Cr. | C | 2.0 | Mouth | 33,54N,25W | Carroll | | | x | x | | | B | | | |
| Burris Fk. | C | 8.0 | 10,43N,16W | 25,43N,17W | Moniteau | Morgan | | x | x | | | B | | | |
| Burris Fk. | P | 13.2 | Mouth | 10,43N,16W | Moniteau | | | x | x | | | A | | x | |
| Burton Br. | C | 2.0 | Mouth | 13,31N,10W | Texas | | | x | x | | | B | | | |
| Busch Cr. | C | 2.0 | Mouth | 23,44N,1W | Franklin | | | x | x | | | B | | | |
| Butcher Br. | P | 1.4 | Mouth | 12,40N,03E | Jefferson | | | x | x | | | B | | | |
| Butcher Cr. | C | 1.0 | Mouth | 15,48N,1E | Lincoln | | | x | x | | | B | | | |
| Butler Cr. | C | 4.0 | State Line | 17,21N,27W | Barry | | | x | x | | | B | | | |
| IRR-LWWS AQL CLF CDF WBC SCR DWS IND | | | | | | | | | | | | | | | |
| IRR-Irrigation | | | | CLF (CLH)-Cool Water Fishery | | | | SCR-Secondary Contact Recreation | | | | | | | |
| LWW (LWP)-Livestock & Wildlife Watering | | | | CDF (CDH)-Cold Water Fishery | | | | DWS-Drinking Water Supply | | | | | | | |
| AQL (WWH, HHP)-Protection of Warm Water Aquatic Life, | | | | | | | | WBC-Whole Body Contact Recreation | | | | | | | |
| Human Health-Fish Consumption | | | | | | | | IND-Industrial | | | | | | | |

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|----------------|-------|-------|----------------------|---------------------------|----------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Butler Cr. | P | 3.9 | Mouth | State Line | McDonald | | x | x | x | x | | A | | | |
| Bynum Cr. | C | 5.9 | Mouth | 16,49N,9W | Callaway | | | x | x | | | B | | | |
| Byrd Cr. | P | 14.6 | Mouth | Sur 325,32N,12E | Cape Girardeau | | | x | x | | | B | | | |
| Byrd Cr. | C | 1.5 | Sur | 33,33N,12E 325,32N,12E | Cape Girardeau | | | x | x | | | B | | | |
| Cabanne Course | C | 1.5 | Mouth | 3,37N,4E | St. Francois | | | x | x | | | B | | | |
| Cache R. Ditch | C | 7.7 | State Line | 36,23N,7E | Butler | | x | x | x | | | B | | | |
| Cadet Cr. | P | 2.1 | Mouth | 34,44N,10W | Osage | | | x | x | | | B | | | |
| Cadet Cr. | C | 1.0 | 34,44N,10W | 26,44N,10W | Osage | | | x | x | | | B | | | |
| Cadet Cr. | P | 2.0 | Mouth | 27,38N,3E | Washington | | | x | x | | | B | | | |
| Cahoonie Cr. | C | 4.0 | Mouth | 9,36N,20W | Dallas | | | x | x | | | B | | | |
| Calico Cr. | C | 5.4 | Mouth | 02,39N,02E | Jefferson | Washington | | x | x | | | A | | | |
| California Br. | C | 2.7 | Mouth | 17,40N,1E | Franklin | Washington | | x | x | | | B | | | |
| Callahan Cr. | C | 13.8 | Mouth | 23,50N,14W | Boone | | | x | x | | | | x | | |
| Callaway Fk. | C | 4.5 | Mouth | 6,45N,2E | St. Charles | | | x | x | | | B | | | |
| Calton Cr. | C | 5.5 | Mouth | 16,25N,26W | Barry | | | x | x | | | B | x | | |
| Calumet Cr. | P | 1.8 | Mouth | 18,53N,1E | Pike | | | x | x | | | B | | | |
| Calumet Cr. | C | 4.0 | 18,53N,1E | 26,53N,1W | Pike | | | x | x | | | B | | | |
| Calvey Cr. | P | 3.0 | Mouth | 4,42N,2E | Franklin | | | x | x | | | B | | | |
| Calvey Cr. | C | 4.5 | 4,42N,2E | 13,42N,2E | Franklin | | | x | x | | | B | | | |
| Camp Br. | C | 16.1 | Mouth | 33,45N,30W | Johnson | Cass | | x | x | | | B | | | |
| Camp Br. | C | 7.3 | Mouth | 20,39N,29W | Bates | | | x | x | | | B | | | |
| Camp Br. | C | 4.0 | Mouth | 27,48N,3W | Warren | | | x | x | | | B | | | |
| Camp Br. | C | 4.2 | Smithvle Lk | 36,54N,32W | Clay | | | x | x | | | B | | | |
| Camp Br. | C | 3.5 | Mouth | 35,29N,10W | Texas | | | x | x | | | | x | | |
| Camp Br. | C | 10.1 | Mouth | 24,45N,23W | Pettis | | | x | x | | | B | | | |
| Camp Cr. | C | 3.2 | Mouth | 23,38N,9W | Phelps | | | x | x | | | B | | | |
| Camp Cr. | P | 6.3 | Mouth | 26,49N,3W | Lincoln | Warren | | x | x | | | B | | | |
| Camp Cr. | C | 6.0 | 26,49N,3W | 16,48N,3W | Warren | | | x | x | | | B | | | |
| Camp Cr. | C | 1.0 | Mouth | 16,25N,21W | Christian | | | x | x | | | B | | | |
| Camp Cr. | P | 5.3 | Mouth | 34,30N,4E | Wayne | | | x | x | | | B | | | |
| Camp Cr. | C | 1.3 | 34,30N,4E | 33,30N,4E | Wayne | | | x | x | | | B | | | |
| Camp Cr. | C | 2.0 | 28,36N,6E | 29,36N,6E | St. Francois | | | x | x | | | B | | | |
| Camp Cr. | C | 5.5 | Mouth | 24,50N,20W | Saline | | | x | x | | | B | | | |
| Campbell Br. | C | 2.3 | Mouth | 7,48N,2E | Lincoln | | | x | x | | | B | | | |
| Campbell Cr. | C | 2.8 | Mouth | 19,61N,30W | Gentry | | | x | x | | | | x | | |
| Campbell Cr. | C | 5.9 | Mouth | 24,56N,23W | Livingston | | | x | x | | | B | | | |
| Cane Cr. | P | 8.7 | Mouth | Sur 3146,32N,12E | Cape Girardeau | | | x | x | | | B | | | |
| Cane Cr. | C | 4.0 | Sur 3146, 32N,12E | 7,32N,13E | Cape Girardeau | | | x | x | | | B | | | |
| Cane Cr. | C | 4.0 | Mouth | 28,23N,18W | Taney | | | x | x | x | | B | | | |
| Cane Cr. | P | 27.5 | 30,23N,6E | 5,25N,5E | Butler | | x | x | x | x | | A | x | | |
| Cane Cr. | C | 15.9 | 5,25N,5E | 15,26N,3E | Butler | Carter | | x | x | x | | A | | | |
| Cane Cr. | C | 9.8 | Mouth | 30,23N,6E | Butler | | x | x | x | | | B | | | |
| Cane Cr. | C | 3.6 | 6,29N,10E | 27,30N,9E | Bollinger | | | x | x | | | B | | | |
| Cane Cr. | P | 8.4 | Mouth | 6,29N,10E | Bollinger | | | x | x | | | B | | | |
| Cane Cr. Ditch | P | 7.5 | State Line | 30,23N,6E | Butler | | x | x | x | | | B | x | | |
| Caney Cr. | C | 3.0 | Mouth | 11,24N,17W | Taney | | | x | x | | | A | | | |

IRR-Irrigation

LWW (LWP)-Livestock & Wildlife Watering

AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption

CLF (CLH)-Cool Water Fishery

CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation

DWS-Drinking Water Supply

WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|----------------------|-------|-------|------------|--------------|----------------|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Caney Cr. | C | 7.0 | Mouth | 5,23N,13W | Ozark | | | x | x | | | B | | | |
| Caney Cr. | C | 11.5 | 9,28N,12E | 36,29N,13E | Scott | | | x | x | | | | x | | |
| Caney Fk. | P | 5.3 | Mouth | 3,32N,11E | Cape Girardeau | | | x | x | | | B | | | |
| Caney Fk. | C | 4.0 | 3,32N,11E | 28,33N,11E | Cape Girardeau | | | x | x | | | B | | | |
| Cannon Br. | P | 0.8 | Mouth | 17,36N,25W | St. Clair | | | x | x | | | B | | | |
| Cantrell Cr. | P | 7.8 | Mouth | 07,30N,16W | Webster | | | x | x | | | B | | | |
| Cantrell Cr. | C | 5.9 | 07,30N,16W | 32,30N,16W | Webster | | | x | x | | | B | | | |
| Cape Cr. | P | 1.0 | Mouth | 22,33N,8E | Madison | | | x | x | | | B | | | |
| Cape Cr. | C | 0.5 | 22,33N,8E | 22,33N,8E | Madison | | | x | x | | | B | | | |
| Cape La Croix Cr. | P | 7.2 | Mouth | | Sur | | | x | x | | | B | | | |
| | | | | 3314,31N,13E | | | | | | | | | | | |
| Capps Cr. | P | 5.0 | Mouth | 17,25N,28W | Newton | Barry | x | x | x | | x | A | | x | |
| Captain Cr. | C | 1.0 | Mouth | 24,32N,5E | Madison | | | x | x | | | B | | | |
| Carney Cr. | C | 4.5 | Mouth | 3,24N,25W | Barry | | | x | x | | | B | | x | |
| Carroll Cr. | C | 9.4 | Mouth | 04,53N,30W | Clay | | | x | x | | | B | | | |
| Carter Cr. | C | 1.0 | Mouth | 5,39N,2W | Crawford | | | x | x | | | B | | | |
| Carter Cr. | C | 6.0 | Mouth | 4,27N,1E | Carter | | | x | x | | | B | | | |
| Carver Br. | P | 3.0 | Mouth | 13,26N,32W | Newton | | | x | x | | | A | | | |
| Carver Cr. | P | 1.6 | Mouth | 28,32N,3E | Iron | | | x | x | | | B | | | |
| Carver Cr. | C | 4.0 | 28,32N,3E | 16,32N,3E | Iron | | | x | x | | | B | | | |
| Casmer Br. | C | 1.5 | Mouth | 12,48N,2W | Lincoln | | | x | x | | | B | | | |
| Cason Br. | C | 2.5 | Mouth | 21,45N,10W | Callaway | | | x | x | | | | | | |
| Castile Cr. | C | 40.2 | Mouth | 24,58N,32W | Buchanan | DeKalb | | x | x | | | B | | x | x |
| Casto Cr. | C | 4.3 | Mouth | 14,27N,16W | Douglas | | | x | x | | | B | | | |
| Castor R. | P | 45.5 | Mouth | 31,28N,10E | Stoddard | | | x | x | | | B | | | |
| Castor R. | C | 10.5 | 31,28N,10E | 12,28N,9E | Stoddard | Bollinger | | x | x | | | B | | | |
| Castor R. | P | 59.0 | 29,29N,9E | 19,34N,8E | Bollinger | Madison | | x | x | x | | A | | x | |
| Castor R. | P | 7.5 | 12,28N,9E | 29,29N,9E | Bollinger | | x | x | x | | | A | | x | |
| Castor R. | C | 2.5 | 19,34N,8E | 7,34N,8E | Madison | St. Francois | | x | x | | | B | | | |
| Castor R. Div. Chan. | P | 12.2 | 4,29N,11E | 12,28N,9E | Cape Girardeau | Bollinger | | x | x | | | A | | x | x |
| Castro Valley | C | 3.4 | Mouth | 1,29N,6W | Shannon | | | x | x | | | B | | | |
| Cat Hollow | C | 2.5 | Mouth | 33,35N,18W | Dallas | | | x | x | | | B | | | |
| Cathcart Hollow | C | 1.8 | Mouth | 20,31N,09W | Texas | | | x | x | | | B | | | |
| Cato Slough | C | 5.7 | Mouth | 15,28N,9E | Bollinger | | x | x | x | | | B | | | |
| Cave Br. | C | 2.7 | Mouth | 13,36N,27W | Cedar | | | x | x | | | B | | | |
| Cave Cr. | C | 3.2 | Mouth | 14,34N,18W | Dallas | | | x | x | | | B | | | |
| Cave Cr. | C | 0.5 | Mouth | 29,48N,15W | Cooper | | | x | x | | | B | | | |
| Cave Fk. | C | 3.4 | Mouth | 10,24N,1W | Ripley | | | x | x | | | B | | | |
| Cave Spring Br. | C | 1.2 | 16,28N,29W | 21,28N,29W | Jasper | | | x | x | | | B | | | |
| Cave Spring Cr. | C | 1.2 | Mouth | 5,43N,33W | Cass | | | x | x | | | B | | | |
| Cave Spring Hollow | C | 1.5 | Mouth | 12,29N,2E | Reynolds | | | x | x | | | B | | | |
| Cedar Bottom Cr. | P | 3.5 | Mouth | 32,33N,6E | Madison | | | x | x | | | B | | | |
| Cedar Bottom Cr. | C | 3.0 | 32,33N,6E | 10,32N,6E | Madison | | | x | x | | | B | | | |
| Cedar Br. | P | 2.7 | Mouth | 16,31N,10E | Bollinger | | | x | x | | | B | | | |
| Cedar Br. | C | 1.7 | 16,31N,10E | 8,31N,10E | Bollinger | | | x | x | | | B | | | |
| Cedar Cr. | P | 31.0 | Mouth | 20,34N,27W | Cedar | | x | x | x | | | A | | x | |
| Cedar Cr. | C | 16.2 | 20,34N,27W | 10,32N,28W | Cedar | Dade | | x | x | | | B | | | |
| Cedar Cr. | C | 2.0 | Mouth | 15,42N,6W | Gasconade | | | x | x | | | B | | | |
| Cedar Cr. | P | 11.3 | Mouth | 34,35N,2E | Washington | Iron | | x | x | | | A | | | |

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption

CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

IRR-LWW AQL CLF CDF WBC SCR DWS IND
SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|----------------------|-------|-------|--------------------|--------------------|--------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Cedar Cr. | C | 2.6 | Sur 2184,35N,2E | 5,34N,2E | Iron | | | x | x | | | B | | | |
| Cedar Cr. | C | 2.8 | 2,22N,19W | 6,22N,18W | Taney | | | x | x | | | B | | | |
| Cedar Cr. | P | 6.5 | Mouth | 11,30N,6E | Wayne | | | x | x | | | B | | | |
| Cedar Cr. | P | 2.2 | Mouth | 28,26N,32W | Newton | | | x | x | | | B | | | |
| Cedar Cr. | C | 4.3 | Mouth | 12,47N,32W | Jackson | | | x | x | | | B | | | |
| Cedar Cr. | C | 4.9 | Mouth | 34,40N,08W | Maries | | | x | x | | | | | x | |
| Cedar Cr. | C | 37.4 | 21,46N,11W | 3,49N,11W | Callaway | | | x | x | | | B | | x | |
| Cedar Cr. | P | 14.0 | Mouth | 21,46N,11W | Callaway | | | x | x | | | B | | x | |
| Cedar Cr. | P | 7.5 | Mouth | 20,44N,8W | Osage | | | x | x | | | B | | x | |
| Cedar Cr. | C | 4.7 | 20,44N,8W | 3,43N,8W | Osage | | | x | x | | | B | | | |
| Cedar Cr. | C | 3.3 | Mouth | 26,46N,21W | Pettis | | | x | x | | | B | | | |
| Cedar Fk. | C | 8.8 | Mouth | 18,43N,3W | Franklin | | | x | x | | | B | | | |
| Cedar Fk. | P | 3.4 | Mouth | 9,35N,9E | Perry | | | x | x | | | B | | | |
| Cedar Fk. | C | 1.2 | 9,35N,9E | 16,35N,9E | Perry | | | x | x | | | B | | | |
| Cedar Run | C | 1.1 | Mouth | 21,37N,05E | St. Francois | | | x | x | | | B | | | |
| Center Cr. | P | 26.8 | 14,28N,34W | 34,28N,31W | Jasper | | x | x | x | x | | A | x | | x |
| Center Cr. | P | 21.0 | 34,28N,31W | 23,27N,29W | Jasper | Newton | x | x | x | | | A | x | | x |
| Center Cr. | P | 4.9 | 23,27N,29W | 17,27N,28W | Newton | Lawrence | x | x | x | | x | A | x | | x |
| Center Cr. | P | 4.5 | 17,27N,29W | 26,27N,28W | Lawrence | | | x | x | | | A | | | |
| Chaney Br. | C | 4.0 | Mouth | 6,32N,28W | Barton | Dade | | x | x | | | B | | | |
| Chapel Cr. | C | 2.0 | Mouth | Sur 2149,33N,6E | Madison | | | x | x | | | B | | | |
| Chapman Br. | C | 1.9 | Mouth | 33,64N,32W | Gentry | | | x | x | | | B | | | |
| Chariton R. | P | 111.0 | Mouth | State Line | Chariton | Putnam | x | x | x | | | A | x | | |
| Charleton Hollow | P | 0.3 | 5,23N,33W | 4,23N,33W | McDonald | | | x | x | | | B | | | |
| Charrette Cr. | P | 13.0 | Mouth | 14,45N,2W | Warren | | | x | x | | | A | | | |
| Charrette Cr. | P | 7.5 | 14,45N,2W | 24,46N,2W | Warren | | | x | x | | | A | | | |
| Charrette Cr. | C | 4.8 | 24,46N,2W | 8,46N,1W | Warren | | | x | x | | | B | | | |
| Chat Cr. | C | 2.1 | 11,26N,26W | 7,26N,25W | Lawrence | | | x | x | | | B | | x | |
| Cheese Cr. | C | 4.7 | Mouth | 09,43N,21W | Pettis | Benton | | x | x | | | B | | | |
| Cherry Valley Cr. | C | 3.2 | Mouth | 10,37N,3W | Crawford | | | x | x | | | B | | | |
| Chesapeake Cr. | P | 3.2 | Mouth | 29,28N,25W | Lawrence | | | x | x | | x | B | | | |
| Chute of Island No.7 | C | 1.4 | 26,23N,16E | 36,23N,16E | Mississippi | | x | x | x | | | B | | | |
| Cicero Cr. | P | 1.0 | Mouth | 9,38N,1W | Washington | | | x | x | | | B | | | |
| Cinque Hommes Cr. | P | 17.1 | Mouth | 28,35N,11E | Perry | | | x | x | | | B | | | |
| Cinque Hommes Cr. | C | 5.0 | 28,35N,11E | 36,35N,10E | Perry | | | x | x | | | B | | | |
| Clabber Cr. | C | 3.0 | Mouth | 14,45N,9W | Callaway | | | x | x | | | B | | | |
| Clammer Br. | C | 1.0 | Mouth | 8,38N,27W | St. Clair | | | x | x | | | B | | | |
| Clark Br. | C | 8.6 | Mouth | 29,56N,18W | Chariton | | | x | x | | | B | | | |
| Clark Cr. | P | 5.0 | Mouth | 12,29N,14W | Wright | | | x | x | | | B | | | |
| Clark Cr. | C | 5.6 | 12,29N,14W | 3,28N,14W | Wright | | | x | x | | | B | | | |
| Clark Cr. | P | 11.1 | Mouth | 20,29N,4E | Wayne | | | x | x | x | | B | | | |
| Clark Cr. | C | 1.5 | 20,29N,4E | 29,29N,4E | Wayne | | | x | x | | | B | | | |
| Clark Fk. | C | 8.3 | Mouth | 15,47N,16W | Cooper | | | x | x | | | B | | | |
| Clark Fk. | P | 1.0 | Mouth | 15,43N,13W | Cole | | | x | x | | | B | | | |
| Clark Fk. | C | 6.0 | 15,43N,13W | 34,43N,13W | Cole | | | x | x | | | B | | | |
| Clayton Br. | P | 2.0 | Mouth | 20,34N,1E | Iron | | | x | x | | | B | | | |
| Clayton Br. | C | 1.4 | 20,34N,1E | 18,34N,1E | Iron | | | x | x | | | B | | | |
| Clayton Hollow | C | 1.0 | Mouth | 3,24N,18W | Taney | | | x | x | | | B | | | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption
CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|-------------------|-------|-------|------------|-------------|----------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Clear Cr. | C | 4.7 | Mouth | 27,56N,10W | Monroe | | | x | x | | | B | | | |
| Clear Cr. | C | 4.8 | Mouth | 27,42N,23W | Benton | | | x | x | | | B | | | |
| Clear Cr. | C | 4.0 | Mouth | 11,44N,30W | Cass | | | x | x | | | B | | | |
| Clear Cr. | P | 28.2 | Mouth | 10,35N,29W | St. Clair | Vernon | | x | x | | | A | | | |
| Clear Cr. | C | 22.3 | 10,35N,29W | 16,34N,30W | Vernon | | | x | x | | | B | | | |
| Clear Cr. | P | 15.2 | Mouth | 4,29N,23W | Greene | | | x | x | | | B | | | |
| Clear Cr. | C | 4.3 | Mouth | 5,47N,5W | Montgomery | | | x | x | | | B | | | |
| Clear Cr. | C | 1.6 | Mouth | 16,37N,1W | Washington | | | x | x | | | B | | | |
| Clear Cr. | C | 2.0 | Mouth | 16,39N,6W | Phelps | | | x | x | | | B | | | |
| Clear Cr. | C | 4.4 | Mouth | 17,39N,2E | Washington | | | x | x | | | B | | | |
| Clear Cr. | P | 4.2 | Mouth | 19,36N,2E | Washington | | | x | x | | | B | | | |
| Clear Cr. | C | 2.4 | 19,36N,2E | 13,36N,1E | Washington | | | x | x | | | B | | | |
| Clear Cr. | C | 13.0 | Mouth | State Line | Nodaway | | | x | x | | | B | | | |
| Clear Cr. | P | 11.1 | Mouth | 28,26N,28W | Newton | Lawrence | | x | x | | | B | | | |
| Clear Cr. | C | 3.5 | 28,26N,28W | 36,26N,28W | Lawrence | Barry | | x | x | | | B | | | |
| Clear Cr. | P | 5.0 | Mouth | 26,53N,31W | Clay | | | x | x | | | B | | | |
| Clear Cr. | C | 13.5 | 6,53N,31W | 09,54N,31W | Clay | Clinton | | x | x | | | | | x | |
| Clear Cr. | C | 6.0 | Mouth | 25,59N,26W | Daviess | | | x | x | | | B | | | |
| Clear Cr. | C | 3.3 | Mouth | 10,57N,5W | Marion | | | x | x | | | B | | | |
| Clear Cr. | C | 5.5 | Mouth | 22,47N,19W | Cooper | | | x | x | | | B | | | |
| Clear Fk. | C | 1.5 | Mouth | 32,42N,6W | Gasconade | | | x | x | | | B | | | |
| Clear Fk. | C | 7.0 | Mouth | 36,49N,6W | Montgomery | | | x | x | | | B | | | |
| Clear Fk. | P | 25.8 | Mouth | 26,45N,25W | Johnson | | | x | x | | | B | | x | |
| Clear Fk. | C | 10.1 | 26,45N,25W | 18,44N,24W | Johnson | | | x | x | | | B | | | |
| Clear Spring | P | 0.3 | Mouth | 19,28N,08W | Texas | | | x | x | | | B | | | |
| Cliffy Br. | C | 2.3 | Mouth | 36,44N,15W | Moniteau | | | x | x | | | B | | | |
| Clifton Cr. | C | 5.5 | Mouth | 10,45N,11W | Callaway | | | x | x | | | B | | | |
| Clifty Cr. | C | 11.4 | Mouth | 16,27N,12W | Douglas | | | x | x | | | B | | | |
| Clifty Hollow Cr. | C | 2.9 | Mouth | 11,38N,10W | Maries | | | x | x | | | B | | | |
| Clubb Cr. | P | 3.7 | Mouth | 2,29N,9E | Bollinger | | x | x | x | | | B | | | |
| Clubb Cr. | C | 2.1 | 2,29N,9E | 33,30N,9E | Bollinger | | | x | x | | | B | | | |
| Coakley Hollow | C | 1.6 | Mouth | 9,38N,15W | Camden | | | x | x | | | B | | | |
| Coal Cr. | P | 5.8 | Mouth | 35,42N,26W | Henry | | | x | x | | | B | | | |
| Coal Cr. | C | 2.0 | Mouth | 1,65N,26W | Harrison | | | x | x | | | B | | | |
| Coalbank Cr. | C | 1.8 | Mouth | 27,47N,17W | Cooper | | | x | x | | | B | | | |
| Coates Br. | P | 3.0 | Mouth | 36,32N,24W | Polk | | | x | x | | | B | | | |
| Coatney Cr. | P | 2.0 | Mouth | 15,36N,19W | Dallas | | | x | x | | | B | | | |
| Cobb Cr. | P | 2.1 | Mouth | 21,33N,14W | Laclede | | | x | x | | | B | | | |
| Cobb Cr. | C | 2.3 | 21,33N,14W | 32,33N,14W | Laclede | | | x | x | | | B | | | |
| Coffman Hollow | C | 1.0 | Mouth | 14,37N,1W | Washington | | | x | x | | | B | | | |
| Coldwater Cr. | C | 4.6 | 34,44N,33W | 8,43N,33W | Cass | | | x | x | | | B | | | |
| Coldwater Cr. | C | 6.9 | Mouth | 13,47N,6E | St. Louis | | | x | x | | | B | | | x |
| Coldwater Cr. | P | 4.3 | Mouth | 27,35N,8E | Ste. Genevieve | | | x | x | | | B | | | |
| Coldwater Cr. | C | 0.9 | 27,35N,8E | 33,35N,8E | Ste. Genevieve | | | x | x | | | B | | | |
| Cole Camp Cr. | P | 18.1 | Mouth | 07,42N,21W | Benton | | | x | x | | x | B | | | |
| Cole Camp Cr. | C | 4.8 | 07,42N,21W | 26,43N,21W | Benton | | | x | x | | | B | | x | |
| Cole Cr. | C | 1.5 | Mouth | 4,45N,5W | Gasconade | | | x | x | | | B | | | |
| Cole Cr. | C | 2.0 | Mouth | 17,51N,14W | Howard | | | x | x | | | B | | | |
| Cole Cr. | C | 5.7 | Mouth | Sur | St. Charles | | | x | x | | | B | | | |
| | | | | 3280,47N,4E | | | | | | | | | | | |

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption

CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|-----------------|-------|-------|------------|------------|--------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Collier Cr. | C | 1.5 | Mouth | 10,30N,5E | Wayne | | | x | x | | | B | | | |
| Collier Cr. | C | 2.5 | Mouth | 18,45N,8W | Callaway | | | x | x | | | B | | | |
| Compton Br. | C | 1.7 | Mouth | 16,36N,1E | Washington | | | x | x | | | B | | | |
| Comstock Cr. | P | 1.0 | Mouth | 34,34N,33W | Vernon | | | x | x | | | B | | | |
| Comstock Cr. | C | 7.5 | 34,34N,33W | 8,33N,32W | Barton | | | x | x | | | B | | | |
| Conner Cr. | C | 5.0 | Mouth | 5,46N,11W | Boone | | | x | x | | | B | | | |
| Conns Cr. | C | 2.0 | 20,37N,14W | 26,37N,14W | Camden | | | x | x | | | B | | | |
| Conrad Cr. | P | 3.2 | Mouth | 5,33N,9E | Bollinger | | | x | x | | | B | | | |
| Conrad Cr. | C | 1.5 | 5,33N,9E | 1,33N,8E | Bollinger | | | x | x | | | B | | | |
| Contrary Cr. | P | 1.5 | Mouth | 13,43N,7W | Osage | | | x | x | | | B | | | |
| Contrary Cr. | C | 4.5 | 13,43N,7W | 9,43N,7W | Osage | | | x | x | | | B | | | |
| Contrary Cr. | C | 10.0 | Mouth | 30,56N,35W | Buchanan | | | x | x | | | B | | | |
| Cook Hollow | C | 2.0 | Mouth | 35,25N,21W | Taney | Christian | | x | x | | | B | | | |
| Coon Cr. | C | 3.6 | Mouth | 24,51N,14W | Boone | | | x | x | | | B | | | |
| Coon Cr. | C | 11.8 | Mouth | 08,53N,13W | Monroe | Randolph | | x | x | | | B | | | |
| Coon Cr. | P | 1.9 | Mouth | 22,30N,14W | Wright | | | x | x | | | B | | | |
| Coon Cr. | C | 1.6 | 22,30N,14W | 17,30N,14W | Wright | | | x | x | | | B | | | |
| Coon Cr. | C | 13.2 | Mouth | 10,50N,6W | Montgomery | | | x | x | | | B | x | | |
| Coon Cr. | C | 9.2 | Mouth | Hwy. 47 | Lincoln | | | x | x | | | B | | | |
| Coon Cr. | C | 5.1 | Mouth | 24,22N,21W | Taney | | | x | x | | | B | | | |
| Coon Cr. | C | 7.5 | Mouth | 14,30N,30W | Barton | Jasper | | x | x | | | B | | | |
| Coon Cr. | C | 12.2 | Mouth | 5,29N,28W | Dade | Lawrence | | x | x | | | B | | | |
| Coon Cr. | C | 5.8 | Mouth | 16,45N,22W | Pettis | | | x | x | | | B | | | |
| Coon Hollow | C | 1.6 | Mouth | 3,34N,2E | Iron | | | x | x | | | B | | | |
| Coon Hollow | C | 4.4 | Mouth | 14,28N,07W | Texas | | | x | x | | | B | | | |
| Cooney Cr. | C | 0.8 | Mouth | 11,40N,20W | Benton | | | x | x | | | B | | | |
| Coonville Cr. | C | 1.3 | Mouth | 30,38N,5E | St. Francois | | | x | x | | | B | | | |
| Cooper Cr. | P | 0.9 | Mouth | 07,22N,21W | Taney | | | x | x | | | B | | | |
| Cooper Cr. | C | 1.1 | 07,22N,21W | 06,22N,21W | Taney | | | x | x | | | B | | | |
| Coopers Cr. | C | 7.3 | Mouth | 6,39N,26W | Henry | St. Clair | | x | x | | | B | | | |
| Coppedge Cr. | C | 1.2 | Mouth | 35,39N,7W | Maries | | | x | x | | | B | | | |
| Corn Cr. | C | 1.1 | Mouth | 36,36N,09W | Phelps | | | x | x | | | B | | | |
| Cotter Cr. | C | 1.5 | Mouth | 23,40N,4E | Jefferson | | | x | x | | | B | x | | |
| Cotton Wood Cr. | C | 3.5 | Mouth | 3,54N,18W | Chariton | | | x | x | | | B | | | |
| Cottonwood Cr. | C | 2.0 | Mouth | 28,36N,33W | Vernon | | | x | x | | | B | | | |
| Cottonwood Cr. | C | 3.9 | Mouth | 7,50N,25W | Lafayette | | | x | x | | | B | | | |
| Cottonwood Cr. | C | 4.3 | Mouth | 5,56N,27W | Caldwell | | | x | x | | | B | | | |
| Cottonwood Cr. | C | 2.4 | Mouth | 2,55N,25W | Livingston | Carroll | | x | x | | | B | | | |
| Courtois Cr. | P | 32.0 | Mouth | 17,35N,1W | Crawford | Washington | | x | x | x | | A | x | | |
| Courtois Cr. | C | 1.7 | 17,35N,1W | 21,35N,1W | Washington | Iron | | x | x | x | | B | | | |
| Cow Br. | C | 4.4 | Mouth | 29,65N,40W | Atchison | | | x | x | | | B | | | |
| Cow Cr. | C | 2.5 | Mouth | 26,47N,8W | Callaway | | | x | x | | | | x | | |
| Cow Cr. | C | 1.8 | Mouth | 25,51N,21W | Saline | | | x | x | | | B | | | |
| Cowskin Cr. | P | 5.0 | Mouth | 33,27N,16W | Douglas | | | x | x | | | B | | | |
| Cowskin Cr. | C | 3.6 | 33,27N,16W | 16,27N,16W | Douglas | | | x | x | | | B | | | |
| Cox Br. | C | 2.2 | Mouth | 10,38N,7W | Phelps | | | x | x | | | B | x | | |
| Cox Br. | C | 2.0 | Mouth | 17,38N,7W | Phelps | | | x | x | | | B | x | | |
| Crabapple Cr. | C | 3.8 | Mouth | 4,55N,27W | Caldwell | | | x | x | | | B | | | |
| Crabtree Br. | P | 1.5 | Mouth | 18,34N,25W | Cedar | | | x | x | | | B | | | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation

CLF (CLH)-Cool Water Fishery

SCR-Secondary Contact Recreation

LWW (LWP)-Livestock & Wildlife Watering

CDF (CDH)-Cold Water Fishery

DWS-Drinking Water Supply

AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,

WBC-Whole Body Contact Recreation

Human Health-Fish Consumption

IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|--------------------|-------|-------|----------------|------------------|----------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Crabtree Br. | C | 1.5 | 18,34N,25W | 19,34N,25W | Cedar | | | x | x | | | B | | | |
| Cracked Neck Cr. | P | 3.0 | Mouth | 6,29N,26W | Lawrence | | | x | x | | | B | | | |
| Crane Cr. | P | 8.4 | Mouth | 09,36N,21W | Hickory | | | x | x | | | B | | | |
| Crane Cr. | C | 3.4 | 09,36N,21W | 12,36N,21W | Hickory | | | x | x | | | B | | | |
| Crane Cr. | P | 5.9 | Mouth | 8,25N,23W | Stone | | | x | x | | | A | | x | |
| Crane Cr. | P | 13.2 | 8,25N,23W | 19,26N,24W | Stone | | | x | x | | x | A | | x | |
| Crane Pond Cr. | P | 12.7 | Mouth | 33,32N,4E | Wayne | Iron | | x | x | | | B | | | |
| Crane Pond Cr. | C | 1.0 | Mouth | 33,32N,4E | Iron | | | x | x | | | B | | | |
| Craven Ditch | C | 11.6 | Mouth | 16,24N,6E | Butler | | x | x | x | | | | | x | |
| Crawford Cr. | C | 5.0 | Mouth | 32,46N,29W | Cass | | | x | x | | | B | | | |
| Creve Coeur Cr. | P | 2.1 | Mouth | Creve Coeur Lake | St. Louis | | | x | x | | | B | | | |
| Creve Coeur Cr. | C | 3.8 | Creve Coeur Lk | 6,45N,5E | St. Louis | | | x | x | | | B | | | |
| Crider Cr. | P | 4.7 | Mouth | 30,42N,6W | Gasconade | | | x | x | | | B | | | |
| Crider Cr. | C | 3.4 | 30,42N,6W | 2,41N,7W | Gasconade | Osage | | x | x | | | B | | | |
| Crooked Br. | C | 1.0 | Mouth | 22,24N,11W | Ozark | | | x | x | | | B | | | |
| Crooked Br. | C | 3.1 | Mouth | 31,45N,30W | Cass | | | x | x | | | B | | | |
| Crooked Cr. | C | 31.4 | Mouth | 1,56N,12W | Monroe | Shelby | | x | x | | | B | | | |
| Crooked Cr. | C | 1.0 | 36,35N,4W | 6,34N,3W | Dent | | | x | x | | | B | | | |
| Crooked Cr. | C | 4.0 | Mouth | 15,50N,5W | Montgomery | | | x | x | | | B | | | |
| Crooked Cr. | P | 19.7 | Mouth | 36,35N,4W | Crawford | Dent | | x | x | | x | A | | | |
| Crooked Cr. | P | 3.5 | Mouth | 33,35N,2W | Crawford | | | x | x | | x | A | | | |
| Crooked Cr. | P | 1.5 | Mouth | 10,48N,1E | Lincoln | | | x | x | | | B | | | |
| Crooked Cr. | C | 7.0 | 10,48N,1E | 11,48N,1W | Lincoln | | | x | x | | | B | | | |
| Crooked Cr. | C | 2.8 | Mouth | 12,59N,33W | DeKalb | | | x | x | | | B | | | |
| Crooked Cr. | C | 4.0 | Mouth | 12,60N,34W | Andrew | | | x | x | | | B | | | |
| Crooked Cr. | C | 5.3 | Mouth | 06,44N,23W | Johnson | Pettis | | x | x | | | B | | | |
| Crooked Cr. | C | 2.3 | Mouth | 30,59N,23W | Livingston | | | x | x | | | B | | | |
| Crooked Cr. | P | 44.8 | Mouth | 17,32N,9E | Cape Girardeau | Bollinger | x | x | x | | | A | | x | |
| Crooked Cr. | C | 1.0 | 17,32N,9E | 8,32N,9E | Bollinger | | | x | x | | | B | | | |
| Crooked R. | P | 58.1 | Mouth | 3,54N,29W | Ray | | | x | x | | | B | | | |
| Crooked R. | C | 7.5 | 3,54N,29W | 25,55N,30W | Ray | Clinton | | x | x | | | B | | | |
| Crossville Br. | C | 2.0 | Mouth | 28,33N,3W | Reynolds | | | x | x | | | B | | | |
| Crows Cr. | C | 1.8 | Mouth | 3,39N,2W | Crawford | | | x | x | | | B | | | |
| Crows Fork Cr. | C | 12.7 | Mouth | 35,48N,9W | Callaway | | | x | x | | | B | | | |
| Cub Cr. | P | 6.6 | Mouth | 13,35N,1W | Washington | | | x | x | | | B | | | |
| Cub Cr. | C | 1.0 | 13,35N,1W | 18,35N,1E | Washington | | | x | x | | | B | | | |
| Cuivre R. | PI | 11.6 | Mouth | Sur | St. Charles | | | x | x | | | B | | x | |
| Cuivre R. | P | 30.0 | Sur | 1795,48N,2E | St. Charles | Lincoln | | x | x | | | A | | x | |
| Current R. | P | 124.0 | State Line | 24,31N,6W | Ripley | Shannon | x | x | x | | x | A | | x | |
| Current R. | P | 18.8 | 24,31N,6W | Montauk Spring | Shannon | Dent | | x | x | | x | A | | x | |
| Cypress Cr. | C | 3.2 | Mouth | 24,23N,3E | Ripley | | | x | x | | | B | | | |
| Cypress Cr. | C | 15.8 | Mouth | 18,62N,27W | Daviess | Harrison | | x | x | | | B | | | |
| Cypress Ditch #1 | C | 9.7 | State Line | 1,22N,4E | Ripley | | | x | x | | | B | | | |
| Cypress Ditch Lat. | P | 8.0 | Mouth | 20,25N,9E | Stoddard | | | x | x | | | B | | | |
| Cypress Ditch Lat. | C | 6.5 | 20,25N,9E | 29,26N,9E | Stoddard | | | x | x | | | B | | | |
| Dan R. | C | 2.5 | 32,23N,7E | 20,23N,7E | Butler | | | x | x | | | B | | | |
| Dardenne Cr. | PI | 7.0 | Mouth | Sur | St. Charles | | | x | x | | | B | | x | |
| | | | | 1704,47N,4E | | | | | | | | | | | |

IRR-LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption

CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery
SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|-------------------|-------|-------|---------------------|--------------------|----------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Dardenne Cr. | P | 16.5 | Sur 1704, 47N,4E | 22,46N,2E | St. Charles | | | x | x | | | B | | x | |
| Dardenne Cr. | C | 8.5 | 22,46N,2E | 22,46N,1E | St. Charles | | | x | x | | | B | | | |
| Dark Cr. | C | 9.1 | Mouth | 34,55N,15W | Randolph | | | x | x | | | B | | | |
| Darrow Br. | C | 1.0 | Mouth | 1,44N,9W | Osage | | | x | x | | | B | | | |
| Davis Br. | C | 4.0 | Mouth | 2,28N,18W | Webster | | | x | x | | | | | x | |
| Davis Cr. | C | 8.8 | Mouth | 30,51N,9W | Audrain | | | x | x | | | B | | | |
| Davis Cr. | C | 2.9 | Mouth | 6,34N,22W | Polk | | | x | x | | | B | | | |
| Davis Cr. | P | 1.2 | Mouth | 12,29N,20W | Greene | | | x | x | | | B | | | |
| Davis Cr. | C | 3.0 | 12,29N,20W | 2,29N,20W | Greene | | | x | x | | | B | | | |
| Davis Cr. | C | 4.2 | Mouth | 13,23N,10W | Howell | | | x | x | | | B | | | |
| Davis Cr. | P | 3.5 | Mouth | 21,62N,38W | Holt | | | x | x | | | B | | | |
| Davis Cr. | P | 25.8 | Mouth | 8,48N,26W | Saline | Lafayette | | x | x | | | B | | | |
| Davis Cr. | C | 12.2 | 8,48N,26W | 7,48N,27W | Lafayette | | | x | x | | | B | | x | |
| Davis Cr. Ditch | C | 6.7 | Mouth | 6,61N,38W | Holt | | | x | x | | | B | | | |
| Davisville Hollow | C | 2.2 | Mouth | 31,36N,2W | Crawford | | | x | x | | | B | | | |
| Day Hollow | C | 1.0 | Mouth | 36,39N,1W | Washington | | | x | x | | | B | | | |
| Dead Oak Br. | C | 1.0 | Mouth | 2,55N,26W | Caldwell | | | x | x | | | B | | | |
| Deane Cr. | P | 1.3 | Mouth | 17,38N,14W | Miller | | | x | x | | | A | | x | |
| Deane Cr. | C | 2.0 | 20,38N,14W | 29,38N,14W | Camden | | | x | x | | | B | | | |
| Deberry Cr. | C | 0.9 | Mouth | 26,37N,14W | Camden | | | x | x | | | B | | x | |
| Decker Br. | C | 2.1 | Mouth | 35,36N,22W | Hickory | | | x | x | | | B | | | |
| Deepwater Cr. | C | 9.8 | Mouth | Montrose Lk Dam | Henry | | | x | x | | | B | | | |
| Deepwater Cr. | C | 5.6 | 35,41N,28W | 5,40N,28W | Henry | Bates | | x | x | | | B | | | |
| Deer Cr. | P | 11.7 | Mouth | 21,39N,20W | Benton | | | x | x | | x | B | | | |
| Deer Cr. | C | 3.3 | 21,39N,20W | 03,38N,20W | Benton | | | x | x | | | B | | | |
| Deer Cr. | C | 1.3 | Mouth | 12,41N,26W | Henry | | | x | x | | | B | | | |
| Deer Cr. | P | 5.6 | Mouth | 4,32N,21W | Polk | | | x | x | | | B | | | |
| Deer Cr. | P | 0.8 | Mouth | 20,45N,8W | Osage | | | x | x | | | B | | | |
| Deer Cr. | C | 4.4 | 20,45N,8W | 34,45N,8W | Osage | | | x | x | | | B | | | |
| Deer Cr. | P | 1.6 | Mouth | 1930,45N,6E | St. Louis City | St. Louis | | x | x | | | A | | x | |
| Dent Br. | C | 1.0 | Mouth | Sur 2374,36N,2E | Washington | | | x | x | | | B | | | |
| Des Moines R. | P | 31.3 | Mouth | State Line | Clark | | | x | x | | | A | | x | |
| Devils Den Hollow | C | 1.2 | Mouth | 11,33N,4E | Iron | | | x | x | | | B | | | |
| Dew Pond Hollow | C | 2.7 | Mouth | 15,30N,07W | Texas | | | x | x | | | B | | | |
| Dickerson Cr. | C | 1.3 | Mouth | Binder Lake Dam | Cole | | | x | x | | | B | | | |
| Dicks Cr. | C | 7.3 | Mouth | 33,54N,33W | Platte | | | x | x | | | B | | x | |
| Dicks Fk. | C | 5.0 | Mouth | 28,32N,31W | Barton | | | x | x | | | B | | | |
| Dicky Cr. | C | 1.1 | Mouth | 14,26N,15W | Douglas | | | x | x | | | B | | | |
| Dillard Cr. | P | 1.5 | Mouth | 22,31N,11E | Cape Girardeau | | | x | x | | | B | | | |
| Dillard Cr. | C | 1.0 | 22,31N,11E | 16,31N,11E | Cape Girardeau | | | x | x | | | B | | | |
| Dillon Cr. | C | 4.8 | Mouth | 33,59N,35W | Andrew | | | x | x | | | B | | x | |
| Dirt House Hollow | C | 1.9 | Mouth | 28,29N,07W | Texas | | | x | x | | | B | | | |
| Ditch #1 | C | 9.0 | Mouth | 20,23N,9E | Dunklin | | | x | x | | | B | | | |
| Ditch #1 | P | 7.6 | 13,27N,8E | 19,28N,9E | Stoddard | Bollinger | | x | x | | | B | | | |
| Ditch #1 | C | 2.0 | 19,28N,9E | 16,28N,9E | Bollinger | | | x | x | | | B | | | |
| Ditch #1 | P | 2.8 | 30,16N,10E | 17,16N,10E | Dunklin | | | x | x | | | B | | | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation

CLF (CLH)-Cool Water Fishery

SCR-Secondary Contact Recreation

LWW (LWP)-Livestock & Wildlife Watering

CDF (CDH)-Cold Water Fishery

DWS-Drinking Water Supply

AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,

WBC-Whole Body Contact Recreation

Human Health-Fish Consumption

IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|------------|-------|-------|------------|------------|----------------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Ditch #1 | P | 17.6 | 3,24N,13E | 15,27N,13E | New Madrid | Scott | | x | x | | | B | | | |
| Ditch #1 | C | 3.3 | 16,27N,13E | 4,27N,13E | Scott | | | x | x | | | B | | | |
| Ditch #1 | P | 86.0 | State Line | 27,29N,12E | Dunklin | Scott | x | x | x | | | B | x | | |
| Ditch #1 | C | 4.3 | 27,29N,12E | 12,29N,12E | Scott | | x | x | x | | | B | x | | |
| Ditch #1 | P | 7.3 | Mouth | 16,21N,9E | Dunklin | | | x | x | | | B | | | |
| Ditch #1 | C | 3.3 | 16,21N,9E | 6,21N,9E | Dunklin | | | x | x | | | B | | | |
| Ditch #10 | P | 3.5 | 32,27N,8E | 17,27N,8E | Stoddard | Wayne | | x | x | | | B | | | |
| Ditch #10 | C | 2.5 | 17,27N,8E | 4,27N,8E | Wayne | | | x | x | | | B | | | |
| Ditch #10 | C | 2.7 | 20,23N,15E | 5,23N,15E | New Madrid | | | x | x | | | B | | | |
| Ditch #101 | C | 3.5 | 34,28N,9E | 19,28N,10E | Bollinger | | | x | x | | | B | | | |
| Ditch #104 | C | 12.5 | Mouth | 13,25N,13E | New Madrid | | | x | x | | | B | | | |
| Ditch #11 | P | 6.0 | 32,27N,8E | 13,27N,8E | Stoddard | | | x | x | | | B | | | |
| Ditch #11 | C | 3.0 | 7,24N,8E | 1,25N,7E | Butler | | | x | x | | | B | | | |
| Ditch #110 | C | 3.1 | 5,28N,11E | 20,29N,11E | Stoddard | Cape Girardeau | | x | x | | | B | | | |
| Ditch #16 | C | 11.2 | 33,24N,8E | 7,25N,8E | Butler | | | x | x | | | | | | |
| Ditch #17 | C | 7.5 | Mouth | 31,28N,11E | Stoddard | | | x | x | | | B | | | |
| Ditch #2 | P | 3.2 | State Line | 30,22N,4E | Ripley | | | x | x | | | B | | | |
| Ditch #2 | C | 6.0 | 30,22N,4E | 2,22N,4E | Ripley | | | x | x | | | B | | | |
| Ditch #2 | P | 4.9 | Mouth | 35,28N,8E | Stoddard | Wayne | | x | x | | | B | | | |
| Ditch #2 | C | 4.9 | 23,17N,12E | 36,18N,12E | Pemiscot | | | x | x | | | B | | | |
| Ditch #2 | P | 17.0 | 11,20N,10E | 24,23N,10E | New Madrid | | | x | x | | | B | | | |
| Ditch #22 | C | 7.0 | Mouth | 2,23N,8E | Butler | | | x | x | | | B | | | |
| Ditch #23 | C | 5.8 | Mouth | 34,24N,8E | Butler | | | x | x | | | B | | | |
| Ditch #24 | P | 12.0 | 23,26N,12E | 6,27N,12E | Stoddard | | | x | x | | | B | | | |
| Ditch #24 | C | 3.9 | 6,27N,12E | 22,28N,11E | Stoddard | | | x | x | | | B | | | |
| Ditch #25 | P | 1.0 | 15,28N,11E | 9,28N,11E | Stoddard | | | x | x | | | B | | | |
| Ditch #25 | C | 2.5 | 9,28N,11E | 5,28N,11E | Stoddard | | | x | x | | | B | | | |
| Ditch #251 | P | 44.0 | State Line | 26,22N,12E | Dunklin | New Madrid | | x | x | | | B | x | | |
| Ditch #258 | P | 10.0 | 27,19N,10E | 9,20N,11E | Dunklin | Pemiscot | | x | x | | | B | x | | |
| Ditch #258 | C | 5.0 | 9,20N,11E | 25,21N,11E | New Madrid | | | x | x | | | B | | | |
| Ditch #259 | P | 26.3 | State Line | 31,20N,11E | Dunklin | Pemiscot | | x | x | | | B | x | | |
| Ditch #26 | P | 3.0 | Mouth | 33,29N,11E | Stoddard | Cape Girardeau | | x | x | | | B | | | |
| Ditch #26 | C | 1.3 | 33,29N,11E | 28,29N,11E | Cape Girardeau | | | x | x | | | B | | | |
| Ditch #27 | P | 4.5 | 15,28N,11E | 22,29N,11E | Stoddard | Cape Girardeau | | x | x | | | B | | | |
| Ditch #287 | P | 4.8 | 6,27N,11E | 15,28N,11E | Stoddard | | | x | x | | | B | | | |
| Ditch #290 | P | 9.2 | 19,20N,11E | 12,21N,11E | Dunklin | New Madrid | | x | x | | | B | | | |
| Ditch #290 | C | 5.3 | 12,21N,11E | 21,22N,12E | New Madrid | | | x | x | | | B | | | |
| Ditch #293 | P | 2.9 | 19,20N,11E | 12,20N,10E | Pemiscot | | | x | x | | | B | | | |
| Ditch #3 | P | 2.0 | 4,18N,9E | 28,19N,9E | Dunklin | | | x | x | | | B | | | |
| Ditch #3 | C | 0.5 | 28,19N,9E | 27,19N,9E | Dunklin | | | x | x | | | B | | | |
| Ditch #3 | C | 2.4 | Mouth | 11,27N,8E | Stoddard | | | x | x | | | B | | | |
| Ditch #3 | P | 8.1 | 6,16N,12E | 4,17N,12E | Pemiscot | | | x | x | | | B | | | |
| Ditch #3 | P | 18.3 | 12,20N,10E | 6,23N,11E | New Madrid | Stoddard | | x | x | | | B | | | |
| Ditch #30 | P | 4.5 | Mouth | 1,27N,11E | Stoddard | | | x | x | | | B | | | |
| Ditch #33 | P | 11.8 | Mouth | 14,28N,11E | Stoddard | | | x | x | | | B | | | |
| Ditch #33 | C | 2.0 | 14,28N,11E | 2,28N,11E | Stoddard | | | x | x | | | B | | | |
| Ditch #34 | C | 4.5 | Mouth | 25,29N,11E | Stoddard | Cape Girardeau | | x | x | | | B | | | |
| Ditch #34 | C | 9.0 | Mouth | 24,28N,12E | Stoddard | | | x | x | | | B | | | |
| Ditch #35 | C | 9.2 | Mouth | 3,27N,12E | Stoddard | | | x | x | | | B | | | |
| Ditch #36 | P | 7.8 | Mouth | 21,19N,10E | Dunklin | | | x | x | | | B | | | |

IRR-LW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption
CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|---------------------|-------|-------|------------|------------|----------------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Ditch #4 | C | 1.5 | 22,27N,8E | 11,27N,8E | Stoddard | | | x | x | | | B | | | |
| Ditch #4 | C | 3.5 | 4,17N,12E | 20,18N,12E | Pemiscot | | | x | x | | | B | | | |
| Ditch #4 | P | 8.9 | 34,26N,13E | 22,27N,13E | New Madrid | Scott | | x | x | | | B | | | |
| Ditch #4 | C | 4.0 | 22,27N,13E | 33,28N,13E | Scott | | | x | x | | | B | | | |
| Ditch #4 | C | 14.0 | Mouth | 6,22N,11E | Pemiscot | New Madrid | | x | x | | | B | | | |
| Ditch #41 | C | 5.0 | Mouth | 28,23N,12E | New Madrid | | | x | x | | | B | | | |
| Ditch #42 | C | 18.2 | Mouth | 29,25N,12E | New Madrid | Stoddard | | x | x | | | B | | | |
| Ditch #5 | C | 1.0 | 28,27N,8E | 21,27N,8E | Stoddard | | | x | x | | | B | | | |
| Ditch #5 | P | 2.0 | 12,16N,11E | 6,16N,12E | Pemiscot | | | x | x | | | B | | | |
| Ditch #6 | P | 1.0 | 29,27N,8E | 21,27N,8E | Stoddard | | | x | x | | | B | | | |
| Ditch #6 | P | 16.0 | Mouth | 15,18N,12E | Pemiscot | | | x | x | | | B | | | |
| Ditch #6 | C | 4.5 | 15,18N,12E | 2,18N,12E | Pemiscot | | | x | x | | | B | | | |
| Ditch #6 | P | 7.8 | Mouth | 16,22N,11E | New Madrid | | | x | x | | | B | | | |
| Ditch #6 | C | 23.3 | 16,22N,11E | 26,26N,11E | New Madrid | Stoddard | | x | x | | | | x | | |
| Ditch #66 | C | 2.0 | Mouth | 33,20N,11E | Pemiscot | | | x | x | | | B | | | |
| Ditch #66 | P | 25.0 | State Line | 1,19N,10E | Pemiscot | | | x | x | | | B | | | |
| Ditch #7 | P | 3.0 | Mouth | 22,16N,11E | Pemiscot | | | x | x | | | B | | | |
| Ditch #7 | C | 6.7 | Mouth | 15,22N,11E | New Madrid | | | x | x | | | B | | | |
| Ditch #79 | P | 11.0 | 4,16N,9E | 28,18N,10E | Dunklin | | | x | x | | | B | | | |
| Ditch #8 | C | 19.1 | 12,21N,11E | 1,24N,11E | New Madrid | Stoddard | | x | x | | | B | x | | |
| Ditch #80 | P | 0.5 | 4,16N,9E | 4,16N,9E | Dunklin | | | x | x | | | B | | | |
| Ditch #81 | P | 24.0 | State Line | 11,19N,10E | Dunklin | Pemiscot | | x | x | | | B | | | |
| Ditch #84 | P | 6.0 | 11,19N,10E | 11,20N,10E | Pemiscot | | | x | x | | | B | | | |
| Ditch #9 | P | 5.6 | 17,20N,11E | 22,21N,11E | Pemiscot | New Madrid | | x | x | | | B | | | |
| Ditch #9 | C | 3.0 | 22,21N,11E | 12,21N,11E | New Madrid | | | x | x | | | B | | | |
| Ditch 101 | P | 1.7 | Mouth | 34,28N,9E | Stoddard | Bollinger | | x | x | | | B | | | |
| Ditch Cr. | P | 1.8 | Mouth | 12,40N,02E | Jefferson | | | x | x | | | A | | | |
| Ditch to Black R. | P | 9.5 | Mouth | 3,23N,7E | Butler | | x | x | x | | | B | | | |
| Ditch to Black R. | C | 10.7 | 3,23N,7E | 9,25N,7E | Butler | | x | x | x | | | B | x | | |
| Ditch to Ditch #1 | C | 1.2 | Mouth | 28,23N,9E | Dunklin | | | x | x | | | B | | | |
| Ditch to Ditch #1 | C | 4.9 | Mouth | 34,30N,12E | Scott | Cape Girardeau | | x | x | | | B | | | |
| Ditch to Ditch #1 | P | 7.0 | Mouth | 33,30N,12E | Scott | Cape Girardeau | | x | x | | | B | | | |
| Ditch to Ditch #1 | P | 3.7 | Mouth | 16,29N,12E | Scott | Cape Girardeau | | x | x | | | B | | | |
| Ditch to Ditch #101 | C | 1.6 | Mouth | 13,28N,9E | Bollinger | | | x | x | | | B | | | |
| Ditch to Ditch #2 | P | 1.5 | Mouth | 24,22N,3E | Ripley | | | x | x | | | B | | | |
| Ditch to Ditch #3 | P | 2.0 | Mouth | 30,17N,12E | Pemiscot | | | x | x | | | B | | | |
| Ditch to Ditch #5 | C | 2.0 | Mouth | 24,16N,11E | Pemiscot | | | x | x | | | B | | | |
| Ditch to Ditch #6 | C | 2.0 | Mouth | 29,18N,12E | Pemiscot | | | x | x | | | B | | | |
| Ditler Cr. | C | 1.3 | Mouth | 10,41N,23W | Benton | | | x | x | | | B | x | | |
| Ditter Cr. | C | 1.2 | Mouth | 03,41N,23W | Benton | | | x | x | | | B | | | |
| Doe Cr. | C | 6.1 | Mouth | 4,50N,15W | Howard | | | x | x | | | B | | | |
| Doe Run Cr. | P | 6.1 | Mouth | 27,35N,5E | St. Francois | | | x | x | | | B | | | |
| Doe Run Cr. | C | 3.5 | 27,35N,5E | 20,35N,5E | St. Francois | | | x | x | | | B | | | |
| Dog Cr. | P | 2.9 | Mouth | 12,40N,14W | Miller | | | x | x | | | B | | | |
| Dog Cr. | C | 7.0 | 12,40N,14W | 4,39N,14W | Miller | | | x | x | | | B | x | | |
| Dog Cr. | C | 5.7 | Mouth | 9,58N,28W | Daviess | | | x | x | | | B | | | |
| Dog Hollow | C | 2.0 | Mouth | 30,33N,14E | Cape Girardeau | | | x | x | | | B | | | |
| Doolan Chute | P | 9.6 | Mouth | 30,29N,15E | Scott | | | x | x | | | B | x | | |
| Dooling Cr. | P | 1.5 | Mouth | 11,45N,8W | Osage | | | x | x | | | B | | | |
| Dooling Cr. | C | 1.0 | 11,45N,8W | 11,45N,8W | Osage | | | x | x | | | B | | | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption
CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|------------------|-------|-------|--------------|----------------|--------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Doolittle Cr. | C | 2.3 | Mouth | 03,29N,12W | Texas | | | x | x | | | | | x | |
| Doss Br. | P | 2.2 | Mouth | 17,38N,2W | Crawford | | | x | x | | | B | | | |
| Doss Br. | C | 2.0 | 17,38N,2W | 15,38N,2W | Crawford | | | x | x | | | B | | | |
| Double Br. | C | 5.8 | Mouth | 19,39N,30W | Bates | | | x | x | | | B | x | | |
| Douger Br. | C | 2.8 | Mouth | 11,26N,26W | Lawrence | | | x | x | | | B | x | | |
| Douglas Br. | C | 4.3 | Mouth | 13,36N,32W | Vernon | | | x | x | | | B | | | |
| Dousinbury Cr. | P | 3.9 | Mouth | 17,33N,18W | Dallas | | | x | x | | | B | | | |
| Dousinbury Cr. | C | 2.0 | 17,33N,18W | 15,33N,18W | Dallas | | | x | x | | | B | | | |
| Dove Cr. | C | 2.0 | Mouth | 12,29N,13W | Wright | | | x | x | | | B | | | |
| Doxies Cr. | C | 12.4 | Mouth | 5,51N,16W | Chariton | Howard | | x | x | | | B | | | |
| Drunken Cr. | P | 1.0 | Mouth | Sur1200,30N,10 | Bollinger | | | x | x | | | B | | | |
| Drunken Cr. | C | 1.5 | Sur | 34,31N,10E | Bollinger | | | x | x | | | B | | | |
| | | | 1200,30N,10E | | | | | | | | | | | | |
| Dry Auglaize Cr. | P | 5.2 | 24,38N,15W | 22,38N,15W | Camden | | | x | x | | | A | x | | |
| Dry Auglaize Cr. | C | 34.5 | 22,38N,15W | 8,35N,15W | Camden | Laclede | | x | x | | | A | x | | |
| Dry Auglaize Cr. | P | 7.6 | 8,35N,15W | 2,34N,16W | Laclede | | | x | x | | | B | | | |
| Dry Bone Cr. | C | 1.8 | Mouth | 20,30N,7W | Texas | | | x | x | | | B | | | |
| Dry Br. | P | 3.6 | Mouth | 6,28N,23W | Greene | | | x | x | | | B | | | |
| Dry Br. | C | 1.7 | 6,28N,23W | 7,28N,23W | Greene | | | x | x | | | B | | | |
| Dry Br. | C | 2.6 | Mouth | Sur | Lincoln | | | x | x | | | B | | | |
| | | | 1710,51N,1W | | | | | | | | | | | | |
| Dry Br. | C | 5.1 | Mouth | 3,49N,2W | Lincoln | | | x | x | | | B | | | |
| Dry Br. | C | 5.3 | Mouth | 4,39N,1E | Washington | | | x | x | | | B | | | |
| Dry Cr. | P | 1.3 | Mouth | 27,39N,9W | Maries | | | x | x | | | B | | | |
| Dry Cr. | C | 1.5 | 27,39N,9W | 29,39N,9W | Maries | | | x | x | | | B | | | |
| Dry Cr. | P | 5.0 | Mouth | 14,37N,3W | Crawford | | | x | x | | x | A | | | |
| Dry Cr. | C | 8.3 | 14,37N,3W | 16,36N,3W | Crawford | | | x | x | | | B | | | |
| Dry Cr. | C | 3.5 | Mouth | 24,36N,3E | Washington | | | x | x | | | | | x | |
| Dry Cr. | C | 1.0 | Mouth | 27,36N,4E | St. Francois | | | x | x | | | B | | | |
| Dry Cr. | C | 5.0 | Mouth | 12,24N,25W | Stone | Barry | | x | x | | | B | | | |
| Dry Cr. | C | 15.0 | Mouth | 8,25N,9W | Douglas | Howell | | x | x | | | B | | | |
| Dry Cr. | C | 1.5 | Mouth | 1,24N,13W | Ozark | | | x | x | | | B | | | |
| Dry Cr. | P | 1.0 | Mouth | 9,28N,3E | Wayne | | | x | x | | | B | | | |
| Dry Cr. | C | 2.7 | 9,28N,3E | 32,29N,3E | Wayne | | | x | x | | | B | | | |
| Dry Cr. | C | 4.5 | Mouth | 27,32N,6E | Madison | | | x | x | | | B | | | |
| Dry Cr. | P | 9.3 | Mouth | 25,40N,03E | Jefferson | | | x | x | | | B | | | |
| Dry Cr. | C | 2.8 | Mouth | 11,48N,21W | Saline | | | x | x | | | | x | | |
| Dry Cr. | P | 8.8 | Mouth | 32,30N,10E | Bollinger | | | x | x | | | B | | | |
| Dry Cr. | C | 4.5 | 32,30N,10E | 24,30N,9E | Bollinger | | | x | x | | | B | | | |
| Dry Fk. | P | 7.7 | Mouth | 8,34N,23W | Polk | | | x | x | | | B | | | |
| Dry Fk. | C | 1.0 | 8,34N,23W | 8,34N,23W | Polk | | | x | x | | | B | | | |
| Dry Fk. | P | 4.0 | Mouth | 35,47N,6W | Montgomery | | | x | x | | | B | | | |
| Dry Fk. | C | 3.3 | 35,47N,6W | 10,46N,6W | Montgomery | | | x | x | | | B | | | |
| Dry Fk. | C | 2.3 | Mouth | 22,35N,9E | Perry | | | x | x | | | B | | | |
| Dry Fk. | C | 3.2 | Mouth | 18,35N,12E | Perry | | | x | x | | | B | | | |
| Dry Fk. | P | 23.3 | Mouth | 22,37N,7W | Phelps | | x | x | x | | | B | | | |
| Dry Fk. | C | 27.0 | 22,37N,7W | 20,35N,6W | Phelps | Dent | | x | x | | | B | | | |
| Dry Fk. | P | 12.7 | Mouth | 35,41N,6W | Gasconade | | | x | x | | | B | | | |
| Dry Fk. | C | 3.4 | Mouth | 29,29N,27W | Lawrence | | | x | x | | | B | | | |

IRR-LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation CLF (CLH)-Cool Water Fishery
LWW (LWP)-Livestock & Wildlife Watering CDF (CDH)-Cold Water Fishery
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|------------------------|-------|-------|----------------|----------------|----------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Dry Fk. | C | 10.2 | Mouth | 8,29N,30W | Jasper | | | x | x | | | A | | | |
| Dry Fk. | C | 2.4 | Mouth | 11,46N,11W | Callaway | | | x | x | | | B | | | |
| Dry Fk. | C | 2.0 | Mouth | 20,50N,17W | Howard | | | x | x | | | B | | | |
| Dry Fk. | C | 3.6 | Mouth | 28,45N,16W | Moniteau | | | x | x | | | | | x | |
| Dry Fk. Cr. | P | 4.0 | 20,35N,6W | 29,35N,6W | Dent | | | x | x | | | B | | | |
| Dry Fk. Cr. | C | 11.1 | 29,35N,6W | 25,34N,7W | Dent | | | x | x | | | B | | | |
| Dry Fk. Cr. | C | 13.3 | 35,41N,6W | 6,40N,7W | Gasconade | Maries | | x | x | | | B | | x | |
| Dry Hollow | C | 5.1 | Mouth | 31,22N,27W | Barry | | | x | x | | | B | | | |
| Dry Hollow | C | 2.5 | Mouth | 34,24N,16W | Ozark | | | x | x | | | B | | | |
| Dry Hollow | C | 0.5 | Mouth | 22,28N,28W | Lawrence | | | x | x | | | | | x | |
| Dry Valley Br. | P | 1.6 | Mouth | 26,27N,29W | Newton | | | x | x | | | B | | | |
| Dry Valley Br. | C | 1.3 | 26,27N,29W | 25,27N,29W | Newton | Lawrence | | x | x | | | | | x | |
| Dry Valley Cr. | C | 2.3 | Mouth | 1,34N,5W | Dent | | | x | x | | | B | | | |
| Dry Wood Cr. | P | 29.9 | Mouth | 4,32N,33W | Vernon | Barton | | x | x | | | B | | | |
| Dubois Cr. | P | 3.0 | Mouth | Sur 404,44N,1E | Franklin | | | x | x | | | B | | | |
| Dubois Cr. | C | 4.8 | Sur 404,44N,1E | 11,43N,1W | Franklin | | | x | x | | | B | | | |
| Duck Cr. | C | 3.4 | Mouth | 32,43N,23W | Henry | Benton | | x | x | | | B | | | |
| Duck Cr. | C | 5.3 | Mouth | 21,27N,9E | Stoddard | | | x | x | | | B | | x | |
| Duck Cr. | C | 6.9 | Mouth | 16,58N,14W | Macon | | | x | x | | | B | | | |
| Dudley Main Ditch | P | 6.4 | Mouth | 34,25N,9E | Stoddard | | | x | x | | | B | | | |
| Dudley Main Ditch | C | 0.8 | 34,25N,9E | 27,25N,9E | Stoddard | | | x | x | | | | | | |
| Dulin Cr. | P | 1.4 | Mouth | 09,42N,04E | Jefferson | | | x | x | | | B | | | |
| Duncan Cr. | C | 2.6 | Mouth | 8,37N,33W | Vernon | | | x | x | | | B | | | |
| Duncan Cr. | C | 3.2 | Mouth | 22,38N,10W | Phelps | | | x | x | | | B | | | |
| Dunlap Cr. | C | 0.5 | Mouth | 13,47N,9W | Callaway | | | x | x | | | B | | | |
| Dunn Spring Cr. | C | 2.3 | Mouth | 34,44N,1E | Franklin | | | x | x | | | B | | | |
| Duran Cr. | C | 8.1 | Mouth | 02,41N,22W | Benton | | | x | x | | | B | | | |
| Durington Cr. | C | 4.6 | Mouth | 06,34N,19W | Dallas | | | x | x | | | B | | | |
| Duskin Cr. | C | 2.0 | Mouth | 13,32N,13E | Cape Girardeau | | | x | x | | | B | | | |
| Dutch Cr. | P | 1.6 | Mouth | 27,42N,03E | Jefferson | | | x | x | | | B | | | |
| Dutchtown Ditch | P | 10.0 | Mouth | 25,30N,12E | Cape Girardeau | | | x | x | | | B | | | |
| Dutro Carter Cr. | P | 1.5 | Mouth | 18,37N,7W | Phelps | | | x | x | | | B | | | |
| Dutro Carter Cr. | C | 0.5 | 18,37N,7W | 18,37N,7W | Phelps | | | x | x | | | B | | | |
| Duval Cr. | C | 7.0 | Mouth | 13,30N,32W | Jasper | | | x | x | | | B | | | |
| Dyer Rock Cr. | C | 5.1 | Mouth | 03,49N,24W | Lafayette | | | x | x | | | B | | | |
| E. Bear Cr. | C | 1.2 | Mouth | 33,46N,25W | Johnson | | | x | x | | | B | | | |
| E. Br. Crawford Cr. | C | 4.0 | 32,46N,29W | 20,46N,29W | Cass | | | x | x | | | B | | | |
| E. Br. Elkhorn Cr. | C | 4.7 | Mouth | 19,63N,36W | Nodaway | | | x | x | | | B | | | |
| E. Br. S. Grand R. | C | 14.0 | Mouth | 1,44N,32W | Cass | | | x | x | | | B | | x | |
| E. Br. Squaw Cr. | C | 4.2 | Mouth | 5,62N,38W | Holt | | | x | x | | | B | | | |
| E. Brush Cr. | C | 9.0 | Mouth | 16,45N,15W | Moniteau | | | x | x | | | B | | | |
| E. Chan. Whitewater R. | C | 4.8 | Mouth | 16,28N,12E | Scott | | | x | x | | | B | | | |
| E. Cow Cr. | C | 2.2 | Mouth | 19,51N,20W | Saline | | | x | x | | | B | | | |
| E. Ditch #1 | P | 22.0 | Mouth | 11,22N,10E | Dunklin | New Madrid | | x | x | | | B | | x | |
| E. Ditch #1 | C | 3.0 | 11,22N,10E | 27,23N,10E | New Madrid | | | x | x | | | B | | | |
| E. Fk. Bee Br. | C | 0.9 | Mouth | 16,37N,30W | Vernon | | | x | x | | | B | | | |
| E. Fk. Big Cr. | P | 18.4 | 9,63N,28W | 5,64N,27W | Harrison | | | x | x | | | B | | | x |
| E. Fk. Big Cr. | C | 21.1 | 5,64N,27W | State Line | Harrison | | | x | x | | | B | | x | x |
| E. Fk. Big Cr. | C | 3.2 | 21,31N,7E | 9,31N,7E | Madison | | | x | x | | | B | | | |
| E. Fk. Big Cr. | P | 1.4 | 29,31N,7E | 21,31N,7E | Madison | | | x | x | | | A | | | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption
CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|---------------------------|-------|-------|------------|-------------------|--------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| E. Fk. Big Muddy Cr. | C | 2.0 | 3,65N,29W | 35,66N,29W | Harrison | | | x | x | | | B | | | |
| E. Fk. Black R. | P | 17.1 | Mouth | 29,34N,3E | Reynolds | Iron | | x | x | | | A | | x | |
| E. Fk. Black R. | C | 0.7 | 29,34N,3E | 21,34N,3E | Iron | | | x | x | | | B | | | |
| E. Fk. Bull Cr. | C | 2.4 | Mouth | 23,26N,20W | Christian | | | x | x | | | B | | | |
| E. Fk. Chariton R. | C | 17.8 | Mouth | 11,60N,15W | Macon | | | x | x | | | B | | x | |
| E. Fk. Crooked R. | P | 19.9 | Mouth | 29,54N,27W | Ray | | | x | x | | | B | | | |
| E. Fk. Crooked R. | C | 6.4 | 29,54N,27W | 5,54N,27W | Ray | | | x | x | | | B | | | |
| E. Fk. Drywood Cr. | C | 13.5 | Mouth | 8,32N,32W | Barton | | | x | x | | | B | | | |
| E. Fk. Fishing R. | C | 12.9 | Mouth | 20,53N,29W | Clay | Ray | | x | x | | | B | | | |
| E. Fk. Fourche Cr. | P | 3.0 | Mouth | 3,22N,1E | Ripley | | | x | x | | | B | | | |
| E. Fk. Fourche Cr. | C | 2.4 | 3,22N,1E | 35,23N,1E | Ripley | | | x | x | | | B | | | |
| E. Fk. Grand R. | P | 28.7 | Mouth | 29,66N,30W | Gentry | Worth | x | x | x | | | A | x | x | |
| E. Fk. Grand R. | C | 6.5 | 29,66N,30W | 10,66N,30W | Worth | | | x | x | | | B | | | |
| E. Fk. Huzzah Cr. | P | 5.5 | 1,34N,3W | 20,34N,2W | Dent | | | x | x | | | B | | | |
| E. Fk. Huzzah Cr. | C | 2.0 | 20,34N,2W | 29,34N,2W | Dent | | | x | x | | | B | | | |
| E. Fk. L. Blue R. | C | 3.7 | 27,49N,31W | Blue Springs Lake | Jackson | | | x | x | | | B | | | |
| E. Fk. L. Blue R. | P | 1.0 | Mouth | 27,49N,31W | Jackson | | | x | x | | | B | | | |
| E. Fk. L. Gravois Cr. | C | 3.3 | Mouth | 3,40N,15W | Miller | | | x | x | | | B | | | |
| E. Fk. L. Tarkio Cr. | C | 17.8 | Mouth | 21,65N,38W | Holt | Atchison | x | x | x | | | B | | | |
| E. Fk. Little Chariton R. | P | 74.0 | Mouth | 7,57N,14W | Chariton | Macon | x | x | x | | | B | | x | |
| E. Fk. Locust Cr. | P | 16.7 | Mouth | 2,62N,20W | Sullivan | | | x | x | | | B | | | |
| E. Fk. Locust Cr. | C | 15.7 | 2,62N,20W | 12,64N,20W | Sullivan | | | x | x | | | A | x | | |
| E. Fk. Lost Cr. | P | 8.0 | Mouth | 17,28N,7E | Wayne | | | x | x | | | B | | | |
| E. Fk. Lost Cr. | C | 10.0 | Mouth | 11,60N,31W | DeKalb | | | x | x | | | B | | | |
| E. Fk. Niangua R. | C | 6.3 | 33,32N,18W | 25,31N,18W | Webster | | | x | x | | | A | | | |
| E. Fk. Postoak Cr. | C | 12.2 | Mouth | 9,44N,26W | Johnson | | | x | x | | | B | x | | |
| E. Fk. Rock Cr. | C | 4.0 | Mouth | 31,23N,25W | Barry | | | x | x | | | B | | | |
| E. Fk. Roubidoux Cr. | C | 4.9 | Mouth | 24,31N,11W | Texas | | | x | x | | | B | | | |
| E. Fk. Salt Pond Cr. | C | 1.6 | Mouth | 19,49N,22W | Saline | | | x | x | | | B | | | |
| E. Fk. Shoal Cr. | C | 2.9 | Mouth | 4,51N,32W | Clay | | | x | x | | | B | | | |
| E. Fk. Sni-a-bar Cr. | C | 8.9 | 32,49N,28W | 29,48N,28W | Lafayette | | | x | x | | | B | | | |
| E. Fk. Sni-a-bar Cr. | P | 9.6 | Mouth | 32,49N,28W | Lafayette | | | x | x | | | B | | | |
| E. Fk. Sulphur Cr. | C | 2.5 | Mouth | 30,50N,17W | Howard | | | x | x | | | B | | | |
| E. Fk. Tebo Cr. | C | 14.5 | 31,43N,24W | 35,44N,24W | Henry | | | x | x | | | B | | | |
| E. Fk. Walnut Cr. | C | 1.8 | Mouth | 28,55N,14W | Randolph | | | x | x | | | B | | | |
| E. Honey Cr. | C | 13.6 | 29,63N,23W | 2,64N,23W | Grundy | Mercer | | x | x | | | | | x | |
| E. Prong Crooked Cr. | C | 3.8 | Mouth | 17,35N,3W | Dent | Crawford | | x | x | | | B | | | |
| E. Yellow Cr. | P | 35.0 | 20,56N,19W | 7,60N,18W | Chariton | Linn | | x | x | | | B | x | | |
| Earle Br. | C | 0.7 | Mouth | Hwy. F | Phelps | | | x | x | | | B | | | |
| East Cr. | C | 9.4 | 2,44N,33W | 31,46N,32W | Cass | | | x | x | | | B | x | | |
| East Prong | C | 1.0 | Mouth | 12,31N,7E | Madison | | | x | x | | | B | | | |
| East Prong Indian Cr. | C | 2.5 | 6,25N,7E | 30,26N,7E | Butler | | | x | x | | | B | | | |
| East Whetstone Cr. | C | 5.5 | 21,29N,13W | 6,28N,12W | Wright | | | x | x | | | B | | | |
| Eaton Br. | C | 1.2 | Mouth | 4,36N,4E | St. Francois | | | x | x | | | | | x | |
| Ebo Cr. | P | 1.6 | Mouth | 13,38N,1E | Washington | | | x | x | | | B | | | |
| Ebo Cr. | C | 1.1 | 13,38N,1E | 14,38N,1E | Washington | | | x | x | | | B | | | |
| Eddington Br. | P | 2.0 | Mouth | 1,29N,26W | Lawrence | | | x | x | | | B | | | |
| Eddington Br. | P | 1.4 | Mouth | 5,29N,25W | Lawrence | | | x | x | | | B | | | |

| | | |
|---|------------------------------|-------------------------------------|
| IRR-Irrigation | CLF (CLH)-Cool Water Fishery | IRR LWW AQL CLF CDF WBC SCR DWS IND |
| LWW (LWP)-Livestock & Wildlife Watering | CDF (CDH)-Cold Water Fishery | SCR-Secondary Contact Recreation |
| AQL (WWH, HHP)-Protection of Warm Water Aquatic Life, | | DWS-Drinking Water Supply |
| Human Health-Fish Consumption | | WBC-Whole Body Contact Recreation |
| | | IND-Industrial |

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|-------------------|-------|-------|-------------|---------------------|----------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Edmondson Cr. | C | 1.9 | Mouth | 4,52N,20W | Saline | | | x | x | | | B | | | |
| Eight Mile Cr. | C | 16.8 | Mouth | 36,44N,31W | Cass | | | x | x | | | B | | | |
| Elbow Cr. | P | 2.6 | Mouth | 27,22N,18W | Taney | | | x | x | | | B | | | |
| Eleven Point R. | P | 22.7 | State Line | 18,24N,2W | Oregon | | x | x | x | x | | A | x | | |
| Eleven Point R. | P | 11.4 | 18,24N,2W | 36,25N,4W | Oregon | | | x | x | | x | A | x | | |
| Eleven Point R. | P | 22.3 | 36,25N,4W | 23,25N,6W | Oregon | | | x | x | x | | A | x | | |
| Eleven Point R. | C | 36.3 | 23,25N,6W | 32,27N,9W | Oregon | Howell | | x | x | x | | B | | | |
| Elk Br. | C | 2.8 | Mouth | 08,45N,22W | Pettis | | | x | x | | | B | | | |
| Elk Chute Ditch | P | 13.1 | Mouth | 27,18N,10E | Dunklin | | | x | x | | | B | | | |
| Elk Cr. | P | 5.0 | Mouth | 33,32N,14W | Wright | | | x | x | | | B | | | |
| Elk Cr. | C | 1.5 | 33,32N,14W | 5,31N,14W | Wright | | | x | x | | | B | | | |
| Elk Cr. | P | 2.4 | Mouth | 24,29N,10W | Texas | | | x | x | | | B | | | |
| Elk Cr. | C | 2.3 | 24,29N,10W | 30,29N,9W | Texas | | | x | x | | | B | | | |
| Elk Cr. | C | 1.5 | Mouth | 29,47N,23W | Pettis | | | x | x | | | B | | | |
| Elk Cr. | C | 5.7 | 14,61N,19W | 6,55N,20W | Chariton | | | x | x | | | B | | | |
| Elk Cr. | C | 11.5 | Silver Lake | 25,57N,20W | Chariton | Linn | | x | x | | | B | | | |
| Elk Fk. | C | 10.5 | Mouth | 35,42N,30W | Bates | | | x | x | | | B | | | |
| Elk Fk. | P | 7.0 | Mouth | 04,44N,23W | Pettis | | | x | x | | | B | | | |
| Elk Fk. Salt R. | P | 7.7 | Mouth | 26,54N,10W | Monroe | | | x | x | | | B | x | | |
| Elk Fk. Salt R. | C | 38.6 | 26,54N,10W | 16,54N,13W | Monroe | Randolph | | x | x | | | B | x | | |
| Elk R. | P | 23.2 | State Line | 34,22N,32W | McDonald | | x | x | x | x | | A | x | | |
| Elkhorn Br. | C | 1.5 | Mouth | 6,21N,8W | Howell | | | x | x | | | B | | | |
| Elkhorn Cr. | C | 21.4 | Mouth | 3,48N,5W | Montgomery | | | x | x | | | B | | | |
| Elkhorn Cr. | C | 2.3 | Mouth | 3,26N,19W | Christian | | | x | x | | | B | | | |
| Elkhorn Cr. | C | 11.8 | Mouth | 13,63N,37W | Nodaway | | | x | x | | | B | x | | |
| Elkhorn Cr. | P | 5.8 | Mouth | 26,23N,31W | McDonald | | x | x | x | | | B | | | |
| Elm Br. | C | 3.0 | Mouth | 7,43N,23W | Henry | | | x | x | | | B | x | | |
| Elm Br. | C | 3.0 | Mouth | 27,53N,8W | Monroe | | | x | x | | | B | | | |
| Elm Br. | C | 4.5 | Mouth | 3,65N,21W | Putnam | | | x | x | | | B | | | |
| Elm Cr. | C | 9.6 | Mouth | 20,66N,15W | Schuyler | | | x | x | | | B | | | |
| Elm Grove Br. | C | 4.2 | Mouth | 27,61N,33W | DeKalb | Gentry | | x | x | | | B | | | |
| Elm Spring Br. | C | 1.0 | 6,24N,31W | 7,24N,31W | Newton | | | x | x | | | | x | | |
| Ely Cr. | C | 4.3 | Mouth | 1,55N,7W | Ralls | | | x | x | | | B | | | |
| Emery Hollow | C | 3.9 | Mouth | 28,31N,10W | Texas | | | x | x | | | | x | | |
| Emory Cr. | C | 2.0 | Mouth | 31,24N,21W | Taney | | | x | x | | | | x | | |
| English Cr. | C | 2.8 | State Line | 33,22N,6W | Oregon | | | x | x | | | B | | | |
| Establishment Cr. | P | 17.7 | Mouth | 23,37N,7E | Ste. Genevieve | | | x | x | | | B | | | |
| Establishment Cr. | C | 2.5 | 23,37N,7E | 33,37N,7E | Ste. Genevieve | | | x | x | | | B | | | |
| Fabius R. | P1 | 3.5 | Mouth | 24,59N,6W | Marion | | x | x | x | | | B | x | | |
| Factory Cr. | P | 1.7 | Mouth | 2,46N,14W | Moniteau | | | x | x | | | B | | | |
| Factory Cr. | C | 4.2 | 2,46N,14W | 32,47N,14W | Moniteau | | | x | x | | | B | x | | |
| Fall Cr. | P | 1.0 | Mouth | 11,22N,22W | Taney | | | x | x | | | B | | | |
| Fall Cr. | C | 3.9 | 11,22N,22W | 28,23N,22W | Taney | Stone | | x | x | | | B | | | |
| Fassnight Cr. | P | 2.8 | Mouth | 25,29N,22W | Greene | | | x | x | | | B | | | |
| Fassnight Cr. | C | 1.2 | 25,29N,22W | 30,29N,21W | Greene | | | x | x | | | | x | | |
| Feaster Cr. | C | 0.6 | Mouth | 31,41N,21W | Benton | | | x | x | | | B | | | |
| Fee Fee Cr. (new) | P | 1.5 | Mouth | Sur 992,46N,5E | St. Louis | | | x | x | | | B | | | |
| Fee Fee Cr. (old) | P | 1.0 | Mouth | 1 Mi. above Hwy. 70 | St. Louis | | | x | x | | | B | | | |
| Femme Osage Cr. | P | 8.2 | Mouth | 29,45N,2E | St. Charles | | | x | x | | | B | | | |
| Femme Osage Cr. | C | 2.0 | 29,45N,2E | 24,45N,1E | St. Charles | | | x | x | | | B | | | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation

CLF (CLH)-Cool Water Fishery

SCR-Secondary Contact Recreation

LWW (LWP)-Livestock & Wildlife Watering

CDF (CDH)-Cold Water Fishery

DWS-Drinking Water Supply

AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,

WBC-Whole Body Contact Recreation

Human Health-Fish Consumption

IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|------------------|-------|-------|------------|------------|----------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Fenton Cr. | C | 0.6 | Mouth | 23,43N,1W | Franklin | | | x | x | | | | | x | |
| Fenton Cr. | P | 0.5 | Mouth | 35,43N,05E | St. Louis | | | x | x | | | B | | | |
| Fiddle Cr. | C | 3.8 | Mouth | 16,44N,2E | Franklin | | | x | x | | | B | | | |
| Fidelity Br. | P | 2.6 | Mouth | 9,27N,31W | Jasper | | | x | x | | | B | | | |
| Fiery Fk. | C | 2.0 | Mouth | 26,39N,19W | Camden | | | x | x | | | B | | | |
| Finley Cr. | P | 51.6 | Mouth | 19,28N,16W | Stone | Webster | | x | x | x | | A | | x | |
| Finn Br. | C | 3.5 | 4,35N,8W | 1,35N,8W | Phelps | Dent | | x | x | | | B | | | |
| Finney Cr. | P | 1.2 | Mouth | 28,49N,21W | Saline | | | x | x | | | B | | x | |
| Finney Cr. | C | 2.4 | 28,49N,21W | 20,49N,21W | Saline | | | x | x | | | B | | | |
| Fire Br. | C | 5.4 | Mouth | 27,54N,28W | Ray | | | x | x | | | B | | | |
| Fire Prairie Cr. | P | 13.0 | Mouth | 18,50N,30W | Jackson | | | x | x | | | B | | | |
| First Cr. | P | 1.6 | Mouth | 14,45N,6W | Gasconade | | | x | x | | | B | | | |
| First Cr. | C | 10.7 | 14,45N,6W | 5,44N,5W | Gasconade | | | x | x | | | B | | | |
| First Cr. | C | 4.7 | Mouth | 9,52N,33W | Clay | Platte | | x | x | | | B | | | |
| Fish Br. | C | 1.9 | Mouth | 28,52N,9W | Audrain | | | x | x | | | B | | | |
| Fish Cr. | C | 12.4 | Mouth | 21,51N,19W | Saline | | | x | x | | | B | | | |
| Fish Lake Ditch | C | 6.5 | 3,24N,16E | 28,25N,17E | Mississippi | | | x | x | | | B | | | |
| Fish Trap Slough | C | 8.2 | State Line | 33,23N,8E | Butler | | | x | x | | | B | | | |
| Fishing R. | P | 26.4 | Mouth | 3,52N,31W | Ray | Clay | x | x | x | | | B | | | |
| Fishing R. | C | 8.5 | 3,52N,31W | 24,52N,32W | Clay | | | x | x | | | B | | | |
| Fishpot Cr. | P | 3.5 | Mouth | 13,44N,04E | St. Louis | | | x | x | | | B | | | |
| Fishwater Cr. | P | 4.8 | Mouth | 33,35N,4W | Dent | | | x | x | | | B | | | |
| Fivemile Cr. | P | 5.0 | State Line | 21,26N,33W | Newton | | x | x | x | | | B | | | |
| Flagstaff Cr. | C | 4.7 | Mouth | 3,47N,25W | Johnson | | | x | x | | | B | | | |
| Flat Cr. | C | 13.5 | Mouth | 2,54N,13W | Monroe | Randolph | | x | x | | | B | | | |
| Flat Cr. | P | 42.3 | 28,24N,24W | 9,23N,27W | Stone | Barry | | x | x | x | | A | | x | |
| Flat Cr. | P | 2.5 | 9,23N,27W | 21,23N,27W | Barry | | x | x | x | | x | A | | x | |
| Flat Cr. | P | 8.3 | 21,23N,27W | 13,22N,28W | Barry | | | x | x | x | | A | | x | |
| Flat Cr. | C | 6.0 | Mouth | 20,24N,3E | Ripley | | | x | x | | | B | | | |
| Flat Cr. | C | 1.2 | Mouth | 27,43N,1W | Franklin | | | x | x | | | B | | x | |
| Flat Cr. | P | 2.7 | Mouth | 1,43N,03E | St. Louis | | | x | x | | | B | | | |
| Flat Cr. | P | 23.7 | Mouth | 13,45N,21W | Morgan | Pettis | | x | x | | | B | | x | |
| Flat Cr. | C | 22.0 | 13,45N,21W | 02,43N,23W | Pettis | | | x | x | | | B | | x | |
| Flat Cr. | C | 6.4 | Mouth | 8,49N,19W | Saline | Cooper | | x | x | | | B | | | |
| Flat River Cr. | C | 10.0 | Mouth | 21,36N,4E | St. Francois | | | x | x | | | B | | | |
| Flat Rock Cr. | C | 0.5 | Mouth | 05,40N,20W | Benton | | | x | x | | | B | | | |
| Flatrock Cr. | P | 2.0 | Mouth | 1,33N,12E | Cape Girardeau | | | x | x | | | B | | | |
| Flatrock Cr. | C | 1.5 | 1,33N,12E | 12,33N,12E | Cape Girardeau | | | x | x | | | B | | | |
| Fleck Cr. | C | 4.3 | Mouth | 29,32N,33W | Barton | | | x | x | | | B | | | |
| Fletcher Cr. | C | 4.0 | Mouth | State Line | Worth | | | x | x | | | B | | | |
| Flinger Br. | C | 1.7 | Mouth | 17,28N,08W | Texas | | | x | x | | | | | x | |
| Flint Bottom Cr. | C | 3.0 | Mouth | 21,37N,8E | Ste. Genevieve | | | x | x | | | B | | | |
| Flint Hill Br. | P | 3.3 | Mouth | 9,30N,22W | Greene | | | x | x | | | B | | | |
| Flora Cr. | P | 6.0 | Mouth | 35,32N,14E | Cape Girardeau | | | x | x | | | B | | | |
| Florida Cr. | C | 8.4 | Mouth | 24,64N,37W | Nodaway | | | x | x | | | | | x | |
| Floyd Cr. | C | 5.1 | Mouth | 29,63N,14W | Adair | | | x | x | | | B | | | |
| Flucom Br. | C | 1.7 | Mouth | 12,39N,5E | Jefferson | | | x | x | | | | | x | |
| Fly Cr. | C | 0.5 | 30,40N,9W | 30,40N,9W | Maries | | | x | x | | | B | | | |
| Fly Cr. | P | 2.5 | Mouth | 30,40N,9W | Maries | | | x | x | | | B | | | |
| Fly Cr. | C | 5.6 | Mouth | 02,35N,29W | Vernon | | | x | x | | | B | | | |

IRR-LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption
CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|-----------------------|-------|-------|-------------|-----------------|----------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Fonso Br. | P | 1.7 | Mouth | 6,47N,6W | Montgomery | | | x | x | | | B | | | |
| Fork Cr. | C | 4.8 | Mouth | 6,44N,4W | Franklin | Gasconade | | x | x | | | B | | | |
| Fortune Br. | C | 2.7 | Mouth | 9,23N,26W | Barry | | | x | x | | | B | | | |
| Foster Cr. | C | 2.0 | Mouth | 4,30N,12E | Cape Girardeau | | | x | x | | | B | | | |
| Fountain Farm Br. | C | 1.8 | Mouth | 32,38N,03E | Washington | | | x | x | | | | x | | |
| Fourche a DuClos Cr. | P | 8.2 | Mouth | 30,38N,7E | Ste. Genevieve | | | x | x | | | B | | | |
| Fourche a DuClos Cr. | C | 3.0 | 30,38N,7E | 3,37N,6E | Ste. Genevieve | | | x | x | | | B | | | |
| Fourche a Renault Cr. | P | 8.8 | 7,38N,2E | Sunnen Lake Dam | Washington | | | x | x | | | B | | | |
| Fourche a Renault Cr. | P | 0.5 | Sunnen Lake | 15,37N,1E | Washington | | | x | x | | | B | | | |
| Fourche a Renault Cr. | C | 2.4 | 15,37N,1E | 23,37N,1E | Washington | | | x | x | | | B | | | |
| Fourche Cr. | P | 14.6 | State Line | 15,23N,1W | Ripley | | x | x | x | x | | A | x | | |
| Fourmile Cr. | C | 5.5 | Mouth | 29,34N,18W | Dallas | | | x | x | | | B | | | |
| Fowler Cr. | C | 6.0 | Mouth | 13,46N,12W | Boone | | | x | x | | | B | | | |
| Fox Cr. | P | 7.2 | Mouth | 30,44N,03E | St. Louis | | | x | x | | | B | | | |
| Fox Cr. | C | 0.5 | Mouth | 28,22N,20W | Taney | | | x | x | | | B | | | |
| Fox Cr. | P | 4.0 | Mouth | 9,25N,13W | Douglas | | | x | x | | | B | | | |
| Fox Cr. | C | 5.0 | 9,25N,13W | 29,26N,13W | Douglas | | | x | x | | | B | | | |
| Fox Cr. | C | 6.1 | Mouth | 20,63N,26W | Harrison | | | x | x | | | B | | | |
| Fox R. | PI | 12.3 | Mouth | 6,64N,6W | Clark | | | x | x | | | B | x | x | |
| Fox R. | P | 42.0 | 6,64N,6W | State Line | Clark | | | x | x | | | B | x | | |
| Franklin Cr. | C | 3.0 | Mouth | 32,26N,7E | Butler | | | x | x | | | B | | | |
| Frederick Cr. | C | 15.0 | 8,22N,2W | 2,22N,4W | Oregon | | | x | x | | | B | x | | |
| Frederick Cr. | P | 3.4 | Mouth | 8,22N,2W | Oregon | | | x | x | | | A | x | | |
| Frene Cr. | P | 1.8 | Mouth | 35,46N,5W | Gasconade | | | x | x | | | B | | | |
| Frene Cr. | C | 3.3 | 35,46N,5W | 10,45N,5W | Gasconade | | | x | x | | | B | | | |
| Froe Hollow | P | 2.0 | Mouth | 34,34N,4E | Iron | | | x | x | | | B | | | |
| Froggy Br. | C | 1.2 | Mouth | 5,33N,11E | Cape Girardeau | | | x | x | | | B | | | |
| Funk Br. | C | 3.3 | Mouth | 32,31N,3E | Reynolds | Iron | | x | x | | | B | | | |
| Furnace Cr. | P | 2.8 | Mouth | 14,36N,2E | Washington | | | x | x | | | B | | | |
| Gabriel Cr. | P | 5.0 | Mouth | 7,44N,18W | Morgan | | | x | x | | | A | x | | |
| Gabriel Cr. | C | 13.6 | 07,44N,18W | 03,42N,19W | Morgan | | | x | x | | | B | x | | |
| Galbreath Cr. | C | 5.8 | 18,53N,12W | 22,53N,13W | Monroe | Randolph | | x | x | | | B | | | |
| Galena Hollow | C | 3.6 | Mouth | 20,23N,26W | Barry | | | x | x | | | B | | | |
| Galligher Cr. | P | 0.2 | Mouth | 20,41N,04E | Jefferson | | | x | x | | | B | | | |
| Gallinipper Cr. | C | 1.3 | Mouth | 36,39N,26W | St. Clair | | | x | x | | | B | | | |
| Gallinipper Cr. | C | 3.0 | 36,39N,26W | 27,39N,26W | St. Clair | | | x | x | | | B | | | |
| Galloway Cr. | P | 3.2 | Mouth | 4,28N,21W | Greene | | | x | x | | | B | | | |
| Ganaway Cr. | C | 2.0 | Mouth | 25,52N,16W | Howard | | | x | x | | | B | | | |
| Gans Cr. | C | 5.5 | 1,47N,13W | 33,48N,12W | Boone | | | x | x | | | A | | | |
| Garrison Br. | C | 2.0 | Mouth | 29,25N,19W | Christian | | | x | x | | | B | | | |
| Garrison Br. | C | 0.7 | 23,27N,21W | 23,27N,21W | Christian | | | x | x | | | B | | | |
| Garrison Fk. | C | 6.8 | Mouth | 13,50N,27W | Lafayette | | | x | x | | | B | | | |
| Gasconade R. | P | 264.0 | Mouth | 6,29N,14W | Gasconade | Wright | | x | x | x | | A | x | x | |
| Gasconade R. | P | 11.2 | 6,29N,14W | 26,29N,16W | Wright | | | x | x | | | B | | | |
| Gasconade R. | C | 4.8 | 26,29N,16W | 19,29N,16W | Wright | Webster | | x | x | | | B | | | |
| Gees Cr. | C | 13.8 | Mouth | 29,60N,25W | Livingston | Grundy | | x | x | | | B | | | |
| Gillum Cr. | C | 2.5 | Mouth | 23,39N,33W | Bates | | | x | x | | | | x | | |
| Gimlet Cr. | P | 1.5 | Mouth | 26,31N,7E | Madison | | | x | x | | | B | | | |
| Girard Br. | C | 2.5 | Mouth | 33,41N,1E | Franklin | | | x | x | | | B | | | |

IRR-LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation

CLF (CLH)-Cool Water Fishery

SCR-Secondary Contact Recreation

LWW (LWP)-Livestock & Wildlife Watering

CDF (CDH)-Cold Water Fishery

DWS-Drinking Water Supply

AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,

WBC-Whole Body Contact Recreation

Human Health-Fish Consumption

IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|------------------|-------|-------|------------|----------------|----------------|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Givins Br. | C | 4.7 | Mouth | 11,31N,19W | Webster | | | x | x | | | B | | | |
| Gizzard Cr. | P | 0.9 | Mouth | 27,30N,7E | Wayne | | | x | x | | | B | | | |
| Gizzard Cr. | P | 2.0 | Mouth | 6,29N,11E | Cape Girardeau | Bollinger | | x | x | | | B | | | |
| Gizzard Cr. | C | 1.6 | 6,29N,11E | 36,30N,10E | Bollinger | | | x | x | | | B | | | |
| Gladden Cr. | P | 2.5 | Mouth | 13,31N,6W | Shannon | | | x | x | | | B | | | |
| Gladden Cr. | C | 15.2 | 13,31N,6W | 5,32N,5W | Shannon | Dent | | x | x | | | B | | | |
| Glade Cr. | C | 0.9 | Mouth | Sur | Iron | | | x | x | | | B | | | |
| | | | | 2081,30N,4E | | | | | | | | | | | |
| Glaize Cr. | P | 6.1 | Mouth | 22,42N,5E | Jefferson | | | x | x | | | B | | | |
| Glaize Cr. | C | 2.0 | 22,42N,5E | 21,42N,5E | Jefferson | | | x | x | | | | x | | |
| Glendale Fk. | C | 5.4 | Mouth | 14,31N,33W | Barton | | | x | x | | | | x | | |
| Goldsbary Hollow | C | 2.7 | Mouth | 31,23N,16W | Ozark | | | x | x | | | B | | | |
| Goose Cr. | P | 4.0 | Mouth | 10,28N,25W | Lawrence | | | x | x | | x | B | | | |
| Goose Cr. | C | 6.5 | Mouth | 25,38N,6E | Ste. Genevieve | St. Francois | | x | x | | | B | | | |
| Goose Cr. | P | 4.0 | Mouth | 17,35N,10E | Perry | | | x | x | | | B | | | |
| Goose Cr. | C | 1.3 | 17,35N,10E | 24,35N,9E | Perry | | | x | x | | | B | | | |
| Goose Cr. | P | 1.0 | Mouth | 18,39N,1E | Washington | | | x | x | | | B | | | |
| Goose Cr. | C | 2.0 | 18,39N,1E | 21,39N,1E | Washington | | | x | x | | | B | | | |
| Goose Cr. | C | 2.8 | Mouth | Sur 837,35N,2E | Washington | | | x | x | | | | x | | |
| Goose Cr. | C | 3.0 | Mouth | Sur | Cape Girardeau | | | x | x | | | | x | | |
| | | | | 183,31N,13E | | | | | | | | | | | |
| Goose Cr. | C | 1.5 | Mouth | 30,29N,7E | Wayne | | | x | x | | | B | | | |
| Goose Cr. | C | 4.0 | Mouth | 28,26N,5E | Butler | | | x | x | | | B | x | | |
| Goose Cr. | P | 1.4 | Mouth | 22,33N,7E | Madison | | | x | x | | | B | | | |
| Goose Cr. | C | 1.6 | 22,33N,7E | 27,33N,7E | Madison | | | x | x | | | B | | | |
| Goose Cr. | P | 2.4 | Mouth | 32,62N,29W | Daviess | | | x | x | | | B | | | |
| Goose Cr. | C | 4.4 | Mouth | 14,56N,29W | Caldwell | | | x | x | | | B | | | |
| Goose Pond Ditch | C | 4.3 | 21,27N,9E | 8,26N,9E | Stoddard | | | x | x | | | B | | | |
| Gooseneck Br. | C | 2.5 | Mouth | 22,37N,20W | Hickory | | | x | x | | | B | | | |
| Gordon Cr. | P | 2.0 | Mouth | 15,32N,3W | Dent | | | x | x | | | B | | | |
| Gordon Cr. | C | 0.5 | 15,32N,3W | 11,32N,3W | Dent | | | x | x | | | B | | | |
| Gower Br. | C | 2.3 | Mouth | 09,32N,19W | Dallas | | | x | x | | | B | | | |
| Gracey Cr. | C | 2.0 | Mouth | 6,42N,16W | Morgan | | | x | x | | | B | | | |
| Grand Glaize Cr. | C | 4.0 | Mouth | 9,44N,5E | St. Louis | | | x | x | | | B | | | |
| Grand R. | P | 127.5 | 19,23N,57W | State Line | Livingston | Worth | x | x | x | | | A | x | x | |
| Grand R. | P | 56.0 | Mouth | Shoal Cr. | Chariton | Livingston | x | x | x | | | A | x | x | |
| Granddaddy Cr. | C | 1.5 | Mouth | 26,41N,28W | Henry | | | x | x | | | B | | | |
| Grandglaize Cr. | P | 7.6 | Mouth | 24,38N,15W | Miller | Camden | | x | x | | | A | x | | |
| Granny Cr. | P | 1.0 | Mouth | 6,30N,11E | Bollinger | | | x | x | | | B | | | |
| Granny Cr. | C | 1.2 | 6,30N,11E | 31,31N,11E | Bollinger | | | x | x | | | B | | | |
| Grantham Cr. | C | 3.4 | Mouth | 2,64N,33W | Gentry | | | x | x | | | | | | |
| Grassy Cr. | C | 1.8 | Mouth | 10,54N,2W | Pike | | | x | x | | | B | | | |
| Grassy Cr. | C | 2.4 | Mouth | 26,48N,22W | Saline | Pettis | | x | x | | | B | | | |
| Grassy Cr. | C | 19.8 | Mouth | 34,61N,8W | Marion | Lewis | | x | x | | | B | | | |
| Grassy Cr. | C | 5.0 | 20,30N,8E | 14,30N,8E | Bollinger | | | x | x | | | B | | | |
| Grassy Cr. | P | 1.3 | Mouth | 20,30N,8E | Bollinger | | | x | x | | | B | | | |
| Grassy Hollow | C | 3.9 | Mouth | 09,28N,07W | Texas | | | x | x | | | B | | | |
| Graveyard Br. | C | 0.9 | Mouth | 01,42N,09W | Osage | | | x | x | | | B | | | |
| Gravois Cr. | P | 9.3 | Mouth | 20,42N,18W | Morgan | | | x | x | | | A | x | | |
| Gravois Cr. | P | 2.3 | Mouth | 24,44N,6E | St. Louis City | St. Louis | | x | x | | | B | | | |

IRR-LWWS AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption
CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|-------------------|-------|-------|------------|--------------|----------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gravois Cr. | C | 6.0 | 24,44N,6E | 16,44N,6E | St. Louis | | x | x | | | | B | | | |
| Grays Cr. | P | 13.8 | Mouth | 35,45N,13W | Cole | | x | x | | | | B | | | |
| Grays Cr. | C | 1.0 | 35,45N,13W | 34,45N,13W | Cole | | x | x | | | | B | | | |
| Greasy Cr. | C | 1.5 | Mouth | 11,29N,3E | Wayne | | x | x | | | | B | | | |
| Greasy Cr. | P | 4.2 | Mouth | 31,34N,19W | Dallas | | x | x | | x | | B | | | |
| Greasy Cr. | C | 11.5 | 31,34N,19W | 11,32N,20W | Dallas | | x | x | | x | | B | | | |
| Greasy Cr. | C | 4.1 | Mouth | 23,35N,7E | Ste. Genevieve | | x | x | | | | B | | | |
| Greasy Cr. | C | 4.2 | Mouth | 12,21N,29W | Barry | | x | x | | | | B | | | |
| Greasy Cr. | C | 0.7 | 14,45N,08W | 13,45N,08W | Osage | | x | x | | | | B | | | |
| Greasy Cr. | P | 0.2 | Mouth | 14,45N,08W | Osage | | x | x | | | | B | | | |
| Greedy Cr. | C | 1.7 | 20,41N,06W | 18,41N,06W | Gasconade | | x | x | | | | B | x | | |
| Greedy Cr. | P | 0.8 | Mouth | 20,41N,06W | Gasconade | | x | x | | | | B | | | |
| Green Spring Br. | C | 1.8 | Mouth | 02,35N,25W | St. Clair | Cedar | x | x | | | | B | | | |
| Greenbriar Cr. | C | 2.0 | Mouth | 27,24N,2W | Oregon | | x | x | | | | B | | | |
| Greens Cr. | C | 0.7 | Mouth | 2,39N,2W | Crawford | | x | x | | | | B | | | |
| Greenwood Valley | C | 1.9 | Mouth | 28,28N,3E | Wayne | | x | x | | | | B | | | |
| Greer Br. | C | 6.6 | Mouth | 23,47N,21W | Pettis | | x | x | | | | B | | | |
| Greer Cr. | C | 1.8 | Mouth | 25,31N,19W | Webster | | x | x | | | | B | | | |
| Greer Spring Br. | P | 1.3 | Mouth | 36,25N,4W | Oregon | | x | x | | | x | B | | | |
| Greggs Cr. | C | 2.0 | Mouth | | Sur | | x | x | | | | B | | | |
| | | | | 2653,51N,17W | | | | | | | | | | | |
| Greys Lake | C | 5.2 | 13,66N,42W | 10,66N,42W | Atchison | | x | x | | | | B | | | |
| Grindstone Br. | C | 6.0 | Mouth | 25,51N,13W | Boone | | x | x | | | | B | | | |
| Grindstone Cr. | P | 17.9 | Mouth | 35,59N,30W | Daviess | DeKalb | x | x | | | | A | x | | |
| Grindstone Cr. | C | 19.4 | 35,59N,30W | 24,57N,31W | DeKalb | Clinton | x | x | | | | B | | | |
| Grindstone Cr. | C | 2.5 | Mouth | 20,48N,12W | Boone | | x | x | | | | A | | | |
| Groshong Br. | C | 1.5 | Mouth | 12,48N,1E | Lincoln | | x | x | | | | B | | | |
| Grounds Cr. | C | 1.3 | Mouth | 4,32N,8E | Madison | | x | x | | | | B | | | |
| Grove Cr. | P | 2.9 | Mouth | 1,27N,32W | Jasper | | x | x | | | | B | | | |
| Grove Cr. | C | 3.3 | Mouth | 8,54N,33W | Platte | | x | x | | | | B | | | |
| Guinns Cr. | C | 0.5 | Mouth | 30,52N,2E | Pike | | x | x | | | | B | | | |
| Gulley Spring Cr. | C | 4.3 | Mouth | 5,21N,14W | Ozark | | x | x | | | | B | | | |
| Gum Spring Br. | C | 0.5 | Hwy. W | 31,43N,11W | Cole | | x | x | | | | B | | | |
| Gum Spring Cr. | P | 1.0 | Mouth | Hwy. W | Cole | | x | x | | | | B | | | |
| Gunter Cr. | C | 6.7 | Mouth | 29,24N,27W | Barry | | x | x | | | | B | | | |
| Hackberry Br. | C | 4.5 | Mouth | 29,35N,32W | Vernon | | x | x | | | | B | | | |
| Haldiman Br. | C | 3.0 | Mouth | 10,46N,14W | Moniteau | | x | x | | | | B | | | |
| Half Moon Bayou | C | 3.0 | 23,17N,12E | 8,17N,13E | Pemiscot | | x | x | | | | B | | | |
| Halls Cr. | C | 1.5 | Mouth | 18,46N,8W | Callaway | | x | x | | | | B | | | |
| Halsey Hollow | C | 2.2 | Mouth | 2,35N,18W | Dallas | | x | x | | | | B | | | |
| Hamilton Cr. | P | 4.5 | Mouth | 5,29N,10W | Texas | | x | x | | | | B | | | |
| Hamilton Cr. | C | 2.0 | 5,29N,10W | 7,29N,10W | Texas | | x | x | | | | B | | | |
| Hamilton Cr. | C | 2.2 | Mouth | 29,40N,1W | Washington | | x | x | | | | B | | | |
| Hamilton Cr. | P | 1.8 | Mouth | 14,44N,03E | St. Louis | | x | x | | | | B | | | |
| Hancock Hollow | C | 1.0 | Mouth | 2,25N,21W | Christian | | x | x | | | | B | | | |
| Hankens Br. | C | 1.0 | Mouth | 33,33N,20W | Dallas | | x | x | | | | B | | | |
| Harding Cr. | C | 3.0 | Mouth | 15,43N,33W | Cass | | x | x | | | | B | | | |
| Harless Cr. | C | 2.3 | 34,44N,33W | 28,44N,33W | Cass | | x | x | | | | B | | | |
| Harpst Chute | P | 5.5 | Mouth | 30,54N,36W | Platte | | x | x | | | | B | | | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation

CLF (CLH)-Cool Water Fishery

SCR-Secondary Contact Recreation

LWW (LWP)-Livestock & Wildlife Watering

CDF (CDH)-Cold Water Fishery

DWS-Drinking Water Supply

AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,

WBC-Whole Body Contact Recreation

Human Health-Fish Consumption

IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDH | WBC | SCR | DWS | IND |
|----------------------|-------|-------|------------|------------|----------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Harris Br. | C | 1.0 | Mouth | 18,39N,1W | Washington | | | x | x | | | B | | | |
| Harris Cr. | C | 5.6 | Mouth | 34,23N,3E | Ripley | | | x | x | | | B | | | |
| Harrison Br. | P | 1.0 | Mouth | 15,24N,33W | Newton | | | x | x | | | B | | | |
| Harrison Br. | C | 1.7 | 15,24N,33W | 23,24N,33W | Newton | | | x | x | | | B | | | |
| Harrison Br. | C | 3.7 | Mouth | 32,49N,8W | Callaway | | | x | x | | | B | | | |
| Hart Cr. | C | 3.2 | Mouth | 6,45N,12W | Boone | | | x | x | | | B | | | |
| Harviell Ditch (#3) | C | 16.2 | State Line | 12,23N,5E | Ripley | Butler | x | x | x | | | B | | | |
| Haverstick Cr. | C | 1.5 | Mouth | 29,40N,5E | Jefferson | | | x | x | | | | x | | |
| Haw Cr. | C | 1.0 | Mouth | 33,40N,13W | Miller | | | x | x | | | B | | | |
| Haw Cr. | P | 17.5 | Mouth | 6,42N,19W | Morgan | | | x | x | | | A | x | | |
| Haw Cr. | C | 1.5 | 6,42N,19W | 12,42N,20W | Morgan | Benton | | x | x | | | B | | | |
| Hawker Br. | C | 2.5 | 16,33N,26W | 18,33N,26W | Cedar | | | x | x | | | B | | | |
| Hawker Cr. | P | 8.6 | Mouth | 16,29N,9E | Bollinger | | | x | x | | | B | | | |
| Hawker Cr. | C | 1.5 | 16,29N,9E | 8,29N,9E | Bollinger | | | x | x | | | B | | | |
| Hawn Cr. | C | 0.9 | Mouth | 30,32N,9E | Bollinger | | | x | x | | | B | | | |
| Hayden Cr. | C | 2.7 | Mouth | 7,36N,4E | St. Francois | | | x | x | | | B | | | |
| Hays Cr. | C | 2.0 | Mouth | 29,54N,5W | Ralls | | | x | x | | | B | | | |
| Hayzlett Br. | P | 2.4 | Mouth | 25,62N,37W | Nodaway | | | x | x | | | B | | | |
| Hazel Cr. | P | 9.0 | Mouth | 20,36N,1E | Washington | | | x | x | | | B | | | |
| Hazel Cr. | C | 2.2 | 20,36N,1E | 15,36N,1E | Washington | | | x | x | | | B | | | |
| Hazel Cr. | C | 5.6 | Mouth | 31,64N,15W | Adair | | | x | x | | | B | | | |
| Hazel Run | C | 4.3 | Mouth | 35,38N,5E | St. Francois | | | x | x | | | B | | | |
| Hazelton Spring | P | 0.1 | Mouth | 34,33N,10W | Texas | | | x | x | | | B | | | |
| Heads Cr. | P | 2.7 | Mouth | 3,42N,4E | Jefferson | | | x | x | | | B | | | |
| Heads Cr. | C | 2.4 | 3,42N,4E | 14,42N,4E | Jefferson | | | x | x | | | | x | | |
| Headwater Div. Chan. | P | 20.3 | Mouth | 4,29N,11E | Cape Girardeau | | | x | x | | | A | x | x | |
| Heat String Cr. | C | 1.3 | Mouth | 36,49N,8W | Callaway | | | x | x | | | B | | | |
| Heaths Cr. | P | 21.0 | Mouth | 27,48N,21W | Cooper | Pettis | | x | x | x | | B | | | |
| Heaths Cr. | C | 11.5 | 27,48N,22W | 17,47N,22W | Pettis | | | x | x | x | | B | | | |
| Henderson Cr. | P | 0.4 | Mouth | 32,33N,8E | Madison | | | x | x | | | B | | | |
| Henderson Cr. | C | 1.7 | 32,33N,8E | 30,33N,7E | Madison | | | x | x | | | B | | | |
| Henderson Hollow | C | 0.9 | Mouth | 16,30N,4E | Iron | | | x | x | | | B | | | |
| Henpeck Hollow | C | 2.2 | Mouth | 22,38N,2W | Crawford | | | x | x | | | B | | | |
| Henry Cr. | C | 3.7 | 23,44N,22W | 36,44N,22W | Pettis | | | x | x | | | B | | | |
| Henry Cr. | P | 1.7 | Mouth | 23,44N,22W | Pettis | | | x | x | | | B | | | |
| Hess Cr. | C | 3.1 | Mouth | 13,47N,22W | Pettis | | | x | x | | | B | | | |
| Hicklin Cr. | C | 5.3 | Mouth | 12,34N,29W | Cedar | | | x | x | | | B | | | |
| Hickory Br. | C | 6.8 | Mouth | 7,55N,20W | Chariton | | | x | x | | | B | | | |
| Hickory Cr. | C | 1.0 | Mouth | 1,59N,38W | Holt | | | x | x | | | B | | | |
| Hickory Cr. | C | 4.2 | Mouth | 20,37N,7E | Ste. Genevieve | | | x | x | | | B | | | |
| Hickory Cr. | C | 6.6 | Mouth | 2,51N,6W | Audrain | | | x | x | | | B | | | |
| Hickory Cr. | C | 2.7 | Mouth | 11,25N,6E | Butler | | | x | x | | | B | | | |
| Hickory Cr. | C | 1.2 | Mouth | 21,61N,37W | Holt | | | x | x | | | B | | | |
| Hickory Cr. | P | 4.9 | Mouth | 28,25N,31W | Newton | | | x | x | | | A | | | |
| Hickory Cr. | C | 1.5 | Mouth | 11,61N,34W | Andrew | | | x | x | | | B | | | |
| Hickory Cr. | C | 2.8 | Mouth | 11,60N,28W | Daviess | | | x | x | | | | x | | |
| Hickory Cr. | P | 3.0 | Mouth | 22,61N,31W | Gentry | | | x | x | | | B | | | |
| Hickory Cr. | C | 10.9 | Mouth | 9,60N,25W | Grundy | | | x | x | | | B | | | |
| Hickory Flat Cr. | P | 1.0 | Mouth | 6,27N,7E | Wayne | | | x | x | | | B | | | |
| Higgins Cr. | C | 1.3 | Mouth | 34,43N,12W | Cole | | | x | x | | | B | | | |

IRR-LWW AQL CLF CDH WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption
CLF (CLH)-Cool Water Fishery
CDH (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|---------------------|-------|-------|------------|-------------|----------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| High Cr. | C | 6.3 | 20,66N,41W | 13,66N,41W | Atchison | | | x | x | | | B | | | |
| High Cr. Ditch | C | 3.7 | 22,66N,42W | 20,66N,41W | Atchison | | | x | x | | | B | | | |
| Highly Cr. | C | 3.9 | Mouth | 7,62N,37W | Holt | | | x | x | | | B | | | |
| Hightower Cr. | C | 5.1 | Mouth | 30,37N,30W | Vernon | | | x | x | | | B | | | |
| Hillers Cr. | P | 5.8 | Mouth | 32,45N,9W | Callaway | | | x | x | | | B | | | |
| Hillers Cr. | C | 12.8 | 32,45N,9W | 34,46N,10W | Callaway | | | x | x | | | B | | | |
| Hinch Br. | P | 1.5 | Mouth | 33,39N,2W | Crawford | | | x | x | | | B | | | |
| Hinch Br. | C | 1.9 | 33,39N,2W | 4,38N,2W | Crawford | | | x | x | | | B | | | |
| Hinkson Cr. | P | 7.6 | Mouth | Hwy. 163 | Boone | | | x | x | | | B | | x | |
| Hinkson Cr. | C | 18.8 | Hwy. 163 | 36,50N,12W | Boone | | | x | x | | | A | | x | |
| Hippo Br. | C | 2.3 | Mouth | 7,54N,5W | Ralls | | | x | x | | | B | | | |
| Hocum Hollow | C | 0.5 | Mouth | Sur | Jefferson | | | x | x | | | B | | | |
| | | | | 1856,40N,6E | | | | | | | | | | | |
| Hodge Cr. | C | 2.0 | 28,32N,4W | 16,32N,4W | Dent | | | x | x | | | B | | | |
| Hog Cr. | P | 5.1 | Mouth | 06,29N,9W | Texas | | | x | x | x | | B | | | |
| Hog Cr. | C | 4.4 | 06,29N,9W | 16,29N,09W | Texas | | | x | x | | | B | | | |
| Hog Cr. | C | 6.5 | Mouth | 18,62N,16W | Adair | | | x | x | | | B | | | |
| Hog Cr. | C | 1.9 | 14,31N,10E | 3,31N,10E | Bollinger | | | x | x | | | A | | | |
| Hog Cr. | P | 9.4 | Mouth | 14,31N,10E | Cape Girardeau | Bollinger | | x | x | | | B | | | |
| Hogan Fk. | C | 5.8 | Mouth | 17,44N,26W | Johnson | | | x | x | | | | | x | |
| Hogard Cr. | C | 1.3 | Mouth | 1,22N,14W | Ozark | | | x | x | | | B | | | |
| Hogles Cr. | P | 17.8 | Mouth | 5,37N,23W | Benton | Hickory | | x | x | x | | B | | | |
| Hogles Cr. | C | 6.4 | 5,37N,23W | 34,37N,23W | Hickory | | | x | x | x | | B | | | |
| Holland Br. | C | 3.0 | Mouth | 10,54N,34W | Platte | | | x | x | | | B | | | |
| Holtzclaw Cr. | C | 2.0 | Mouth | 15,53N,32W | Clay | | | x | x | | | B | | | |
| Homes Cr. | C | 5.2 | Mouth | Hwy 33 | Clay | | | x | x | | | B | | | |
| Hominy Br. | C | 1.0 | Mouth | 17,48N,12W | Boone | | | x | x | | | B | | x | |
| Hominy Cr. | P | 13.2 | Mouth | 15,33N,21W | Polk | | | x | x | | | B | | | |
| Honey Cr. | C | 8.5 | Mouth | 24,43N,27W | Henry | | | x | x | | | B | | | |
| Honey Cr. | P | 16.5 | Mouth | 22,27N,25W | Lawrence | | | x | x | | | B | | | |
| Honey Cr. | C | 2.7 | 22,27N,25W | 35,27N,25W | Lawrence | | | x | x | | | B | | | |
| Honey Cr. | P | 2.6 | State Line | State Line | McDonald | | x | x | x | | | A | | | |
| Honey Cr. | P | 12.2 | Mouth | 1,65N,34W | Nodaway | | | x | x | | | B | | | |
| Honey Cr. | C | 6.7 | 1,65N,34W | 18,66N,33W | Nodaway | | | x | x | | | B | | | |
| Honey Cr. | P1 | 7.0 | Mouth | 33,64N,6W | Clark | | | x | x | | | B | | x | |
| Honey Cr. | C | 15.0 | Hwy 61 | Hwy 81 | Clark | | | x | x | | | B | | | |
| Honey Cr. | C | 8.3 | Mouth | 35,59N,28W | Daviess | | | x | x | | | B | | | |
| Honey Cr. | C | 25.1 | Mouth | 29,63N,23W | Livingston | Grundy | | x | x | | | B | | | |
| Honey Cr. | C | 2.6 | Mouth | 13,46N,19W | Cooper | | | x | x | | | B | | | |
| Honey Cr. | C | 7.0 | Mouth | 14,47N,27W | Johnson | | | x | x | | | B | | | |
| Honey Cr. | C | 4.6 | Mouth | 29,43N,12W | Cole | | | x | x | | | B | | x | |
| Honey Cypress Ditch | P | 14.7 | Mouth | 27,18N,8E | Dunklin | | | x | x | | | B | | | |
| Honey Run | C | 1.7 | Mouth | 6,38N,15W | Camden | | | x | x | | | B | | | |
| Hoosier Cr. | C | 2.2 | Mouth | 11,41N,1W | Franklin | | | x | x | | | B | | | |
| Hoover Cr. | C | 7.2 | Mouth | 1,55N,14W | Macon | Randolph | | x | x | | | B | | | |
| Hope Cr. | C | 1.7 | Mouth | 35,44N,7W | Osage | | | x | x | | | B | | | |
| Hopewell Cr. | C | 1.0 | Mouth | 3,36N,3E | Washington | | | x | x | | | B | | | |
| Horrell Cr. | P | 3.0 | Mouth | Sur | Cape Girardeau | | | x | x | | | B | | | |
| | | | | 233,32N,12E | | | | | | | | | | | |
| Horrell Cr. | C | 1.7 | Sur 233, | 2,32N,12E | Cape Girardeau | | | x | x | | | | | x | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation

CLF (CLH)-Cool Water Fishery

SCR-Secondary Contact Recreation

LWW (LWP)-Livestock & Wildlife Watering

CDF (CDH)-Cold Water Fishery

DWS-Drinking Water Supply

AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,

WBC-Whole Body Contact Recreation

Human Health-Fish Consumption

IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|---------------------|-------|-------|--------------|--------------|----------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | 32N12E | | | | | | | | | | | | |
| Horse Cr. | P | 27.7 | Mouth | 35,34N,29W | Cedar | Vernon | x | x | x | | | B | | | |
| Horse Cr. | C | 34.6 | 35,34N,29W | 15,31N,28W | Vernon | Dade | | x | x | | | B | | | |
| Horse Cr. | C | 2.0 | Mouth | 26,25N,23W | Stone | | | x | x | | | B | | | |
| Horse Fk. | C | 4.4 | Mouth | 6,55N,31W | Clinton | | | x | x | | | B | | | |
| Horseshoe Cr. | C | 5.8 | Mouth | 10,48N,29W | Jackson | Lafayette | | x | x | | | B | | | |
| Horstman Cr. | C | 2.0 | Mouth | 7,45N,4W | Gasconade | | | x | x | | | B | | | |
| Houfs Cr. | C | 1.6 | Mouth | 27,48N,9W | Callaway | | | x | x | | | B | | | |
| Housgen Cr. | C | 0.9 | Mouth | 2,44N,9W | Osage | | | x | x | | | B | | | |
| Howard Cr. | C | 4.3 | Mouth | 2,46N,15W | Moniteau | | | x | x | | | B | | | |
| Howell Cr. | C | 16.8 | Mouth | 22,24N,8W | Oregon | Howell | | x | x | | | B | | | |
| Hubble Cr. | P | 15.0 | Mouth | Sur | Cape Girardeau | | | x | x | | | B | | | |
| Hubble Cr. | C | 2.5 | Sur | 2250,31N,12E | Cape Girardeau | | | x | x | | | B | | x | |
| | | | 2250,31N,12E | 2192,32N,13E | | | | | | | | | | | |
| Hubble Cr. | P | 1.5 | Mouth | 23,29N,5E | Wayne | | | x | x | | | B | | | |
| Hubble Cr. | C | 2.0 | 23,29N,5E | 11,29N,5E | Wayne | | | x | x | | | B | | | |
| Hudson Cr. | C | 4.5 | Mouth | 11,25N,28W | Barry | | | x | x | | | B | | x | |
| Huff Cr. | C | 2.0 | Mouth | 6,69N,37W | Nodaway | | | x | x | | | B | | | |
| Huffstetter Lateral | P | 12.0 | 6,23N,11E | 16,25N,11E | Stoddard | | | x | x | | | B | | | |
| Hughes Cr. | P | 3.0 | Mouth | 15,33N,12E | Cape Girardeau | | | x | x | | | B | | | |
| Hughes Cr. | C | 2.9 | 15,33N,12E | 20,33N,12E | Cape Girardeau | | | x | x | | | B | | | |
| Huldy Hollow | C | 2.0 | Mouth | 28,31N,07W | Texas | | | x | x | | | | | x | |
| Humphrey Cr. | P | 1.2 | Mouth | 1,40N,13W | Miller | | | x | x | | | B | | | |
| Hungry Cr. | C | 2.1 | Mouth | 5,27N,11W | Douglas | | | x | x | | | B | | | |
| Hungry Mother Cr. | C | 9.5 | Mouth | 18,51N,14W | Howard | | | x | x | | | B | | | |
| Hunke Cr. | C | 1.8 | Mouth | 33,43N,06W | Gasconade | | | x | x | | | B | | | |
| Hunt Br. | P | 0.5 | 22,28N,21W | 22,28N,21W | Greene | | | x | x | | | B | | | |
| Hunt Br. | P | 1.0 | 23,28N,21W | 24,28N,21W | Greene | | | x | x | | | B | | | |
| Hunter Cr. | P | 10.2 | Mouth | 6,26N,15W | Douglas | | | x | x | | | A | | x | |
| Hunter Cr. | C | 3.2 | Mouth | 20,30N,6E | Wayne | | | x | x | | | B | | | |
| Hurricane Br. | C | 1.8 | Mouth | 27,59N,26W | Daviess | | | x | x | | | B | | | |
| Hurricane Cr. | P | 1.9 | Mouth | 30,24N,12W | Ozark | | | x | x | | x | B | | | |
| Hurricane Cr. | P | 3.4 | Mouth | 28,25N,3W | Oregon | | | x | x | | | A | | x | |
| Hurricane Cr. | C | 6.1 | 28,25N,3W | 4,25N,3W | Oregon | | | x | x | | | B | | | |
| Hurricane Cr. | C | 6.0 | Mouth | Hwy. 21 | Ripley | | | x | x | | | B | | | |
| Hurricane Cr. | C | 6.2 | Mouth | 35,55N,22W | Carroll | | | x | x | | | B | | | |
| Hurricane Cr. | C | 3.8 | Mouth | 23,51N,17W | Howard | | | x | x | | | B | | | |
| Hurricane Cr. | P | 12.4 | Mouth | 35,32N,9E | Bollinger | | | x | x | | | A | | | |
| Huzzah Cr. | P | 35.8 | Mouth | 1,34N,3W | Crawford | Dent | | x | x | x | | A | | x | |
| Huzzah Cr. | P | 1.0 | Mouth | 31,31N,6E | Madison | | | x | x | | | B | | | |
| Hyatts Cr. | P | 2.5 | Mouth | 2,31N,2E | Reynolds | | | x | x | | | B | | | |
| Hyde Cr. | P | 4.4 | Mouth | 33,31N,16W | Webster | | | x | x | | | B | | | |
| Imboden Fk. | P | 6.4 | Mouth | 27,34N,2E | Reynolds | Iron | | x | x | | | B | | | |
| Indian Br. | C | 3.8 | Mouth | 22,58N,25W | Livingston | | | x | x | | | B | | | |
| Indian Camp Cr. | P | 3.3 | Mouth | 6,47N,1E | St. Charles | | | x | x | | | B | | | |
| Indian Camp Cr. | C | 3.5 | 2,47N,1W | 4,47N,1W | St. Charles | Warren | | x | x | | | B | | | |
| Indian Cr. | C | 3.3 | Mouth | 3,55N,8W | Monroe | | | x | x | | | B | | | |
| Indian Cr. | C | 3.0 | Mouth | 5,41N,16W | Morgan | | | x | x | | | A | | x | |
| Indian Cr. | P | 7.7 | Mouth | 21,42N,20W | Benton | | | x | x | x | | B | | | |

IRR-LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption
CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|------------------|-------|-------|------------|--------------------|----------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Indian Cr. | C | 1.2 | Mouth | 22,42N,8W | Osage | | | x | x | | | B | | | |
| Indian Cr. | P | 3.7 | Mouth | 30,30N,9W | Texas | | | x | x | | | B | | | |
| Indian Cr. | C | 2.7 | 30,30N,9W | 27,30N,9W | Texas | | | x | x | | | B | x | | |
| Indian Cr. | C | 20.0 | Mouth | 17,52N,4W | Pike | | | x | x | | | B | | | |
| Indian Cr. | C | 3.6 | Mouth | Sur 2062,38N,8E | Ste. Genevieve | | | x | x | | | B | | | |
| Indian Cr. | P | 8.1 | Mouth | 10,32N,13E | Cape Girardeau | | | x | x | | | B | | | |
| Indian Cr. | P | 1.0 | Mouth | 35,35N,3W | Crawford | | | x | x | | | B | | | |
| Indian Cr. | C | 2.0 | 35,35N,3W | 34,35N,3W | Crawford | Dent | | x | x | | | B | | | |
| Indian Cr. | P | 1.9 | Mouth | 18,35N,1W | Washington | | | x | x | | | B | | | |
| Indian Cr. | P | 21.4 | Mouth | 36,39N,01W | Franklin | Washington | | x | x | | x | B | | | |
| Indian Cr. | C | 3.4 | 36,39N,1W | 8,38N,1E | Washington | | | x | x | x | | B | | | |
| Indian Cr. | C | 2.1 | Mouth | 28,21N,24W | Stone | | | x | x | | | B | | | |
| Indian Cr. | P | 10.0 | Mouth | 35,27N,11W | Douglas | | | x | x | | | B | | | |
| Indian Cr. | C | 7.5 | 35,27N,11W | 22,27N,10W | Douglas | Howell | | x | x | | | B | | | |
| Indian Cr. | P | 6.1 | Mouth | 7,25N,7E | Butler | | | x | x | | | B | | | |
| Indian Cr. | C | 1.6 | 7,25N,7E | 6,25N,7E | Butler | | | x | x | | | B | | | |
| Indian Cr. | P | 5.5 | Mouth | 5,34N,4E | St. Francois | | | x | x | | | A | | | |
| Indian Cr. | P | 30.8 | Mouth | 24,24N,31W | McDonald | Newton | x | x | x | x | | A | x | | |
| Indian Cr. | C | 0.8 | Mouth | 28,40N,09W | Maries | | | x | x | | | B | | | |
| Indian Cr. | C | 0.2 | Mouth | 34,44N,08W | Osage | | | x | x | | | B | | | |
| Indian Cr. | C | 2.4 | Mouth | 28,43N,9W | Osage | | | x | x | | | B | | | |
| Indian Cr. | C | 3.4 | Mouth | State Line | Jackson | | | x | x | | | A | | | x |
| Indian Cr. | C | 3.2 | Mouth | 8,64N,32W | Gentry | | | x | x | | | B | | | |
| Indian Cr. | C | 4.3 | Mouth | 17,66N,26W | Harrison | | | x | x | | | B | | | |
| Indian Cr. | C | 3.5 | Mouth | 9,64N,11W | Scotland | | | x | x | | | B | | | |
| Indian Cr. | P | 1.3 | Mouth | 9,31N,9E | Bollinger | | | x | x | | | B | | | |
| Indian Cr. | C | 0.7 | 9,31N,9E | 4,31N,9E | Bollinger | | | x | x | | | B | | | |
| Ingalls Cr. | C | 6.8 | Mouth | 01,35N,21W | Hickory | | | x | x | | | B | | | |
| Iowa Ditch | P | 2.8 | Mouth | State Line | Atchison | | | x | x | | | B | | | |
| Ironton Hollow | C | 0.9 | Mouth | 33,34N,4E | Iron | | | x | x | | | B | | | |
| Irvins Br. | C | 3.3 | Mouth | 10,59N,30W | DeKalb | | | x | x | | | B | | | |
| Irwin Cr. | C | 7.0 | Mouth | State Line | Mercer | | | x | x | | | B | | | |
| Ishmael Br. | C | 1.4 | Mouth | 9,36N,1E | Washington | | | x | x | | | B | | | |
| Island Cr. | C | 8.9 | Mouth | 6,61N,32W | Gentry | | | x | x | | | B | | | |
| Isle du Bois Cr. | P | 4.5 | Mouth | 18,39N,7E | Ste. Genevieve | | | x | x | | | B | | | |
| Isle du Bois Cr. | C | 2.3 | 18,39N,7E | 14,39N,6E | Ste. Genevieve | | | x | x | | | B | | | |
| Isum Cr. | C | 0.5 | Mouth | 30,42N,04E | Jefferson | | | x | x | | | B | | | |
| Jack Buster Cr. | P | 1.5 | Mouth | 10,41N,14W | Miller | | | x | x | | | B | | | |
| Jack Cr. | C | 0.8 | Mouth | 19,33N,10E | Bollinger | | | x | x | | | B | | | |
| Jacks Fk. | P | 61.6 | Mouth | 29,28N,7W | Shannon | Texas | | x | x | x | | A | x | | |
| Jacktar Hollow | C | 5.1 | Mouth | 22,32N,10W | Texas | | | x | x | | | B | | | |
| Jacobs Br. | P | 1.6 | Mouth | 2,26N,33W | Newton | | | x | x | | | B | | | |
| Jakes Cr. | C | 11.3 | Mouth | 24,35N,19W | Dallas | | | x | x | | | B | | | |
| Jam Up Cr. | P | 3.0 | Mouth | 16,27N,6W | Shannon | | | x | x | | | B | | | |
| Jam Up Cr. | C | 1.8 | 16,27N,6W | 20,27N,6W | Shannon | | | x | x | | | B | | | |
| James Bayou | C | 3.5 | 12,23N,16E | 26,23N,16E | Mississippi | | | x | x | | | B | | | |
| James Bayou | C | 5.5 | 12,23N,16E | 28,24N,16E | Mississippi | | | x | x | | | B | | | |
| James Bayou | C | 5.8 | 2,24N,16E | 2,25N,16E | Mississippi | | | x | x | | | B | | | |
| James Br. | P | 1.5 | Mouth | 23,35N,3W | Crawford | | | x | x | | | B | | | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
 LWW (LWP)-Livestock & Wildlife Watering
 AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
 Human Health-Fish Consumption
 CLF (CLH)-Cool Water Fishery
 CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
 DWS-Drinking Water Supply
 WBC-Whole Body Contact Recreation
 IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|---------------------|-------|-------|-----------|-----------------------|----------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| James Br. | C | 1.9 | 23,35N,3W | 28,35N,3W | Crawford | | | x | x | | | B | | | |
| James Cr. | C | 2.5 | Mouth | 17,35N,2E | Washington | | | x | x | | | B | | | |
| James R. | P | 29.4 | Mouth | 8,26N,22W | Stone | | x | x | x | x | | A | x | | |
| James R. | P | 23.5 | 8,26N,22W | Lk. Springfld. Dam | Stone | Greene | x | x | x | x | | A | x | | |
| James R. | P | 39.0 | Mouth | 24,29N,17W | Greene | Webster | | x | x | x | | A | x | x | |
| Jarvis Hollow | C | 1.3 | Mouth | 23,38N,17W | Camden | | | x | x | | | B | | | |
| Jemerson Cr. | C | 3.4 | Mouth | 29,46N,12W | Boone | | | x | x | | | B | | | |
| Jenkins Cr. | C | 3.0 | Mouth | 1,24N,26W | Barry | | | x | x | | | B | | | |
| Jenkins Cr. | C | 7.2 | Mouth | 8,62N,36W | Nodaway | | | x | x | | | B | | | |
| Jenkins Cr. | P | 2.8 | Mouth | 7,27N,30W | Jasper | | | x | x | | | A | | | |
| Jenkins Cr. | C | 4.8 | 7,27N,30W | 22,27N,30W | Jasper | Newton | | x | x | | | A | | | |
| Jerktail Br. | C | 0.5 | Mouth | 11,34N,19W | Dallas | | | x | x | | | B | | | |
| Jesse Cr. | P | 0.7 | Mouth | 21,29N,8E | Bollinger | | | x | x | | | B | | | |
| Jesse Cr. | C | 2.0 | 21,29N,8E | 9,29N,8E | Bollinger | | | x | x | | | B | | | |
| Joachim Cr. | P | 30.2 | Mouth | 30,39N,5E | Jefferson | | | x | x | | | A | x | | x |
| Joachim Cr. | C | 2.5 | 30,39N,5E | 4,38N,5E | Jefferson | | | x | x | | | A | | | |
| Joes Cr. | C | 1.0 | Mouth | 23,34N,1E | Iron | | | x | x | | | B | | | |
| Johns Br. | C | 1.3 | Mouth | 32,51N,4W | Pike | | | x | x | | | B | | | |
| Johns Br. | C | 2.9 | 18,27N,8E | 11,27N,7E | Wayne | | | x | x | | | B | | | |
| Johns Cr. | C | 1.0 | Mouth | 6,35N,9E | Ste. Genevieve | | | x | x | | | B | | | |
| Johns Cr. | P | 1.4 | Mouth | 22,36N,1W | Washington | | | x | x | | | B | | | |
| Johns Cr. | C | 2.0 | 22,36N,1W | 27,36N,1W | Washington | | | x | x | | | B | | | |
| Johnson Br. | C | 1.0 | Mouth | 29,30N,9W | Texas | | | x | x | | | | x | | |
| Johnson Cr. | P | 3.0 | Mouth | 36,29N,26W | Lawrence | | | x | x | | x | A | | | |
| Johnson Hollow | C | 1.0 | Mouth | 13,27N,20W | Christian | | | x | x | | | B | | | |
| Jonca Cr. | P | 3.5 | Mouth | 36,37N,7E | Ste. Genevieve | | | x | x | | | B | | | |
| Jonca Cr. | C | 6.0 | 36,37N,7E | 8,36N,7E | Ste. Genevieve | | | x | x | | | B | | | |
| Jones Br. | C | 3.2 | Mouth | 32,33N,19W | Dallas | | | x | x | | | B | | | |
| Jones Cr. | C | 3.0 | Mouth | 8,32N,18W | Dallas | | | x | x | | | | x | | |
| Jones Cr. | C | 8.0 | Mouth | 27,38N,11W | Pulaski | | | x | x | | | A | | | |
| Jones Cr. | P | 3.5 | Mouth | 15,41N,03E | Jefferson | | | x | x | | | B | | | |
| Jones Cr. | P | 7.5 | Mouth | 30,27N,30W | Jasper | Newton | | x | x | x | | A | | | |
| Jones Cr. | C | 4.0 | Mouth | 4,42N,16W | Morgan | | | x | x | | | B | | | |
| Jordan Br. | C | 1.2 | Mouth | 13,30N,26W | Dade | | | x | x | | | B | | | |
| Jordan Br. | C | 2.2 | Mouth | 15,37N,22W | Hickory | | | x | x | | | B | | | |
| Jordan Br. | C | 1.8 | Mouth | 32,35N,9E | Perry | | | x | x | | | B | | | |
| Jordan Br. | C | 7.2 | Mouth | 32,55N,35W | Platte | Buchanan | | x | x | | | B | | | |
| Jordan Cr. | C | 1.4 | Mouth | 10,57N,33W | DeKalb | | | x | x | | | B | | | |
| Jordan Cr. | P | 3.8 | Mouth | 23,29N,22W | Greene | | | x | x | | | B | | | |
| Jordan Cr. | C | 3.5 | Mouth | 16,49N,23W | Saline | | | x | x | | | B | | | |
| Jowler Cr. | C | 8.9 | Mouth | 19,54N,34W | Platte | | | x | x | | | B | | | |
| Joyce Cr. | C | 4.5 | Mouth | 16,24N,28W | Barry | | | x | x | | | B | | | |
| Judge Cr. | C | 3.0 | Mouth | 19,36N,19W | Dallas | | | x | x | | | B | | | |
| Kaintuck Hollow Cr. | P | 2.4 | Mouth | 15,36N,09W | Phelps | | | x | x | | | B | | | |
| Keelstone Br. | C | 1.0 | Mouth | 2,48N,1E | Lincoln | | | x | x | | | B | | | |
| Keeney Cr. | C | 4.9 | Mouth | 13,51N,29W | Ray | | | x | x | | | | x | | |
| Keifer Cr. | P | 1.2 | Mouth | 15,44N,04E | St. Louis | | | x | x | | | A | | | |
| Kelley Br. | C | 1.3 | Mouth | 25,50N,13W | Boone | | | x | x | | | B | | | |
| Kelley Br. | C | 5.8 | Mouth | 15,50N,12W | Boone | | | x | x | | | | x | | |

IRR-LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption
CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|--------------------|-------|-------|------------|--------------|----------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Kelley Br. | C | 0.8 | Mouth | 1,44N,17W | Moniteau | | | x | x | | | B | | | |
| Kelley Valley | C | 2.7 | Mouth | 23,27N,3E | Wayne | | | x | x | | | B | | | |
| Kelley Valley | P | 1.0 | 23,27N,3E | 26,27N,3E | Wayne | Carter | | x | x | | | B | | | |
| Kelly Hollow | C | 1.0 | Mouth | 3,35N,1W | Washington | | | x | x | | | B | | | |
| Kelly Hollow | P | 1.3 | Mouth | 26,25N,3W | Oregon | | | x | x | | | B | | | |
| Kenser Cr. | C | 2.0 | Mouth | 22,39N,12W | Miller | | | x | x | | | B | | | |
| Kessler Cr. | C | 2.2 | Mouth | 21,34N,6E | Madison | | | x | x | | | B | | | |
| Ketchum Hollow | C | 1.9 | Mouth | 24,22N,27W | Barry | | | x | x | | | | | x | |
| Kettle Cr. | C | 0.8 | Mouth | 31,58N,26W | Daviess | | | x | x | | | B | | | |
| Kile Cr. | C | 1.3 | Mouth | 28,51N,13W | Boone | | | x | x | | | B | | | |
| Kimsey Cr. | P | 0.8 | Mouth | 19,59N,39W | Holt | | | x | x | | | B | | | |
| Kimsey Cr. | C | 2.5 | 19,59N,38W | 30,60N,38W | Holt | | | x | x | | | | | x | |
| Kimsey Cr. | P | 6.7 | 30,60N,38W | 34,61N,38W | Holt | | | x | x | | | B | | | |
| King Br. | C | 1.5 | Mouth | 23,31N,22W | Greene | | | x | x | | | B | | | |
| King Br. | C | 1.8 | 35,31N,22W | 2,30N,22W | Greene | | | x | x | | | B | | | |
| Kings R. | P | 1.6 | Mouth | State Line | Barry | Stone | | x | x | | | A | | x | |
| Kings Valley | P | 3.3 | Mouth | 33,23N,30W | McDonald | | | x | x | | | B | | | |
| Kinnemore Ditch | C | 13.0 | State Line | 5,17N,8E | Dunklin | | | x | x | | | B | | | |
| Kitten Cr. | C | 7.2 | Mouth | 34,37N,29W | St. Clair | Vernon | | x | x | | | B | | | |
| Knob Cr. | C | 8.4 | Mouth | 8,41N,32W | Bates | | | x | x | | | | | x | |
| Knob Cr. | C | 2.2 | Mouth | 30,34N,4E | Iron | | | x | x | | | B | | | |
| Knobby Cr. | P | 1.5 | Mouth | 34,40N,20W | Benton | | | x | x | | | B | | | |
| Knobby Cr. | C | 1.0 | 34,40N,20W | 3,39N,20W | Benton | | | x | x | | | B | | | |
| Knox Br. | C | 1.0 | Mouth | 33,38N,1E | Washington | | | x | x | | | B | | | |
| Koen Cr. | C | 1.0 | Mouth | 5,36N,5E | St. Francois | | | x | x | | | B | | x | |
| Kolb Br. | C | 1.6 | Mouth | 3,38N,19W | Camden | | | x | x | | | B | | | |
| Krone Br. | C | 1.1 | Mouth | 29,40N,10W | Maries | | | x | x | | | B | | | |
| Kruze Cr. | P | 0.9 | Mouth | 36,41N,03E | Jefferson | | | x | x | | | B | | | |
| Kyle Cr. | C | 8.4 | Mouth | 34,31N,28W | Barton | Dade | | x | x | | | B | | | |
| L. Alder Cr. | C | 1.6 | Mouth | 5,35N,27W | Cedar | | | x | x | | | B | | | |
| L. Apple Cr. | P | 4.6 | Mouth | 13,33N,11E | Cape Girardeau | | | x | x | | | B | | | |
| L. Apple Cr. | C | 1.2 | 13,33N,11E | 24,33N,11E | Cape Girardeau | | | x | x | | | B | | | |
| L. Bear Cr. | C | 1.2 | Mouth | 25,40N,15W | Miller | | | x | x | | | | | x | |
| L. Bear Cr. | C | 1.0 | Mouth | 2,46N,5W | Montgomery | | | x | x | | | B | | | |
| L. Bear Cr. | C | 4.0 | Mouth | 8,48N,3W | Montgomery | | | x | x | | | B | | | |
| L. Beaver Cr. | C | 3.5 | Mouth | 8,37N,8W | Phelps | | | x | x | | | A | | | |
| L. Beaver Cr. | P | 10.4 | Mouth | 36,26N,18W | Taney | Douglas | x | x | x | | | A | | x | |
| L. Beaver Cr. | C | 4.5 | 36,26N,18W | 17,26N,17W | Douglas | | | x | x | | | B | | | |
| L. Berger Cr. | P | 5.0 | Mouth | 17,45N,4W | Franklin | Gasconade | | x | x | | | B | | | |
| L. Berger Cr. | C | 1.2 | 17,45N,4W | 19,45N,4W | Gasconade | | | x | x | | | B | | | |
| L. Black R. | P | 30.2 | State Line | 31,24N,5E | Ripley | Butler | x | x | x | | | A | | x | |
| L. Black R. | P | 16.0 | 31,24N,5E | 9,24N,3E | Butler | Ripley | x | x | x | x | | A | | x | |
| L. Blackwater Cr. | C | 6.0 | Mouth | 36,47N,28W | Johnson | | | x | x | | | B | | | |
| L. Blair Cr. | C | 2.0 | Mouth | 6,29N,2W | Shannon | | | x | x | | | B | | | |
| L. Blue R. | C | 4.3 | 20,47N,32W | 35,47N,33W | Jackson | | | x | x | | | B | | x | |
| L. Blue R. | P | 35.1 | Mouth | Longview Dam | Jackson | | | x | x | | | B | | x | |
| L. Boeuf Cr. | P | 0.6 | Mouth | 2,44N,2W | Franklin | | | x | x | | | B | | | |
| L. Boeuf Cr. | C | 2.8 | 2,44N,2W | 14,44N,2W | Franklin | | | x | x | | | B | | | |
| L. Bonne Femme Cr. | P | 9.0 | Mouth | 1,47N,13W | Boone | | | x | x | | | B | | | |
| L. Boone Cr. | C | 2.0 | Mouth | 22,41N,3W | Franklin | | | x | x | | | B | | | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption
CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|--------------------------|-------|-------|------------|--------------|----------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| L. Bottom Cr. | C | 0.6 | Mouth | 31,38N,8E | Ste. Genevieve | | | x | x | | | B | | | |
| L. Bourbeuse Cr. | C | 9.6 | Mouth | 20,39N,7W | Phelps | Maries | | x | x | | | B | | | |
| L. Bourbeuse R. | P | 13.4 | Mouth | 26,40N,4W | Franklin | Crawford | | x | x | | | B | | | |
| L. Bourbeuse R. | C | 3.0 | 26,40N,4W | 3,39N,4W | Crawford | | | x | x | | | | | x | |
| L. Brazil Cr. | P | 2.1 | Mouth | 18,38N,1W | Washington | | | x | x | | | B | | | |
| L. Brazil Cr. | C | 1.0 | 18,38N,1W | 19,38N,1W | Washington | | | x | x | | | B | | | |
| L. Brush Cr. | C | 7.0 | Mouth | 10,59N,17W | Macon | | | x | x | | | B | | | |
| L. Brushy Cr. | C | 2.0 | Mouth | 18,27N,4E | Wayne | | | x | x | | | B | | | |
| L. Buffalo Cr. | P | 5.6 | Mouth | 11,41N,19W | Morgan | | | x | x | | | B | | | |
| L. Calumet Cr. | P | 1.4 | Mouth | 2,53N,1W | Pike | | | x | x | | | B | | | |
| L. Calumet Cr. | C | 1.4 | 2,53N,1W | 10,53N,1W | Pike | | | x | x | | | B | | | |
| L. Calvey Cr. | C | 1.0 | Mouth | 9,42N,2E | Franklin | | | x | x | | | B | | | |
| L. Cane Cr. | C | 3.4 | State Line | 26,22N,5E | Butler | | x | x | x | | | B | | | |
| L. Cedar Cr. | C | 2.0 | 17,48N,11W | 05,48N,11W | Boone | | | x | x | | | B | | | |
| L. Cedar Cr. | C | 4.6 | Mouth | 17,48N,11W | Boone | | | x | x | | | B | | | |
| L. Chariton R. | P | 12.9 | Mouth | 5,52N,17W | Chariton | | | x | x | | | B | | | |
| L. Clear Cr. | C | 1.3 | Mouth | 8,34N,30W | Vernon | | | x | x | | | B | | | |
| L. Clear Cr. | C | 5.0 | Mouth | 1,36N,28W | St. Clair | | | x | x | | | B | | | |
| L. Coon Cr. | C | 4.0 | Mouth | 6,30N,29W | Barton | | | x | x | | | B | | | |
| L. Courtois Cr. | P | 2.0 | Mouth | 2,39N,1W | Washington | | | x | x | | | B | | | |
| L. Courtois Cr. | C | 2.0 | 2,39N,1W | 15,39N,1W | Washington | | | x | x | | | B | | | |
| L. Crane Cr. | C | 6.0 | Mouth | 4,25N,25W | Stone | Barry | | x | x | | | B | | x | |
| L. Crooked Cr. | C | 4.7 | Mouth | 20,57N,11W | Shelby | | | x | x | | | B | | | |
| L. Crooked Cr. | P | 3.2 | Mouth | 33,31N,9E | Bollinger | | | x | x | | | A | | | |
| L. Crooked Cr. | C | 2.7 | 33,31N,9E | 32,31N,9E | Bollinger | | | x | x | | | B | | | |
| L. Dardenne Cr. | C | 7.4 | Mouth | 10,46N,1E | St. Charles | | | x | x | | | B | | | |
| L. Deer Cr. | C | 9.0 | Mouth | 01,38N,21W | Benton | | | x | x | | | | | x | |
| L. Deer Cr. | C | 3.7 | Mouth | 31,42N,30W | Bates | | | x | x | | | B | | x | |
| L. Dry Fk. | P | 5.2 | Mouth | 17,37N,7W | Phelps | | | x | x | | | B | | x | |
| L. Dry Fk. | C | 4.7 | 17,37N,7W | 5,36N,7W | Phelps | | | x | x | | | B | | | |
| L. Dry Wood Cr. | P | 20.5 | Mouth | 12,34N,32W | Vernon | | | x | x | | | B | | | |
| L. Dry Wood Cr. | C | 15.6 | 12,34N,32W | 20,33N,31W | Vernon | Barton | | x | x | | | B | | | |
| L. E. Fk. Locust Cr. | C | 8.8 | Mouth | 30,62N,19W | Sullivan | | | x | x | | | B | | | |
| L. Fabius R. | C | 36.4 | Mouth | 17,61N,12W | Knox | | | x | x | | | B | | x | |
| L. Finley Cr. | P | 5.5 | Mouth | 5,28N,17W | Webster | | | x | x | | | B | | | |
| L. Flat Cr. | P | 3.9 | Mouth | 25,25N,27W | Barry | | | x | x | | x | A | | x | |
| L. Flat Cr. | C | 2.7 | 25,25N,27W | 34,25N,27W | Barry | | | x | x | | | B | | x | |
| L. Flora Cr. | P | 3.4 | Mouth | Sur | Cape Girardeau | | | x | x | | | B | | | |
| | | | | 2201,31N,14E | | | | | | | | | | | |
| L. Fourche a Renault Cr. | P | 1.0 | Mouth | 26,38N,1E | Washington | | | x | x | | | B | | | |
| L. Fourche a Renault Cr. | C | 2.8 | 26,38N,1E | 2,37N,1E | Washington | | | x | x | | | B | | | |
| L. Fox Cr. | P | 0.7 | Mouth | 31,44N,03E | St. Louis | | | x | x | | | B | | | |
| L. Fox R. | P | 19.8 | Mouth | 34,67N,10W | Clark | Scotland | | x | x | | | B | | | |
| L. Fox R. | C | 3.7 | 34,67N,10W | 19,67N,10W | Scotland | | | x | x | | | B | | | |
| L. Gravois Cr. | P | 4.2 | Mouth | 1,40N,16W | Miller | | | x | x | | | A | | | |
| L. Gravois Cr. | C | 3.0 | 1,40N,16N | 30,41N,15W | Miller | | | x | x | | | B | | | |
| L. Gravois Cr. | P | 4.0 | Mouth | 21,42N,17W | Morgan | | | x | x | | | A | | x | |
| L. Hazel Cr. | P | 1.5 | Mouth | 29,36N,1E | Washington | | | x | x | | | B | | | |
| L. Hazel Cr. | C | 0.5 | 29,36N,1E | 32,36N,1E | Washington | | | x | x | | | B | | | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption
CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|--------------------|-------|-------|--------------|-----------------|----------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| L. Hogles Cr. | P | 1.2 | Mouth | 09,39N,23W | Benton | | | x | x | | | B | | | |
| L. Hogles Cr. | C | 1.7 | 09,39N,23W | 16,39N,23W | Benton | | | x | x | | | B | | | |
| L. Horseshoe Cr. | C | 5.1 | Mouth | 11,48N,29W | Jackson | Lafayette | | x | x | | | | x | | |
| L. Hunting Slough | C | 5.0 | Mouth | 14,22N,6E | Butler | | x | x | x | | | B | | | |
| L. Hurricane Cr. | C | 4.0 | Mouth | 7,24N,3W | Oregon | | | x | x | | | B | | | |
| L. Hurricane Cr. | C | 1.6 | Mouth | 1,54N,22W | Carroll | | | x | x | | | B | | | |
| L. Indian Cr. | P | 2.7 | Mouth | 19,32N,14E | Cape Girardeau | | | x | x | | | B | | | |
| L. Indian Cr. | C | 2.0 | 19,32N,14E | 25,32N,13E | Cape Girardeau | | | x | x | | | B | | | |
| L. Indian Cr. | P | 8.7 | Mouth | 30,40N,2E | Franklin | Washington | | x | x | | | B | | | |
| L. Indian Cr. | C | 1.0 | 30,40N,2E | 31,40N,2E | Washington | | | x | x | | | B | | | |
| L. Lake Cr. | C | 5.1 | Mouth | 31,29N,5E | Wayne | | | x | x | | | B | | | |
| L. Lead Cr. | C | 4.0 | 27,50N,2W | 20,50N,2W | Lincoln | | | x | x | | | B | | | |
| L. Lindley Cr. | C | 3.7 | Mouth | 15,34N,20W | Dallas | | | x | x | | | B | | | |
| L. Lost Cr. | C | 1.5 | Mouth | 18,46N,3W | Warren | | | x | x | | | B | | | |
| L. Lost Cr. | P | 1.7 | Mouth | 26,37N,1W | Washington | | | x | x | | | B | | | |
| L. Lost Cr. | P | 5.8 | Mouth | 28,25N,33W | Newton | | | x | x | | | B | | | |
| L. Loutre Cr. | C | 10.3 | Mouth | 5,49N,6W | Montgomery | | | x | x | | | B | | | |
| L. Maries Cr. | P | 8.5 | Mouth | 24,42N,11W | Osage | | | x | x | x | | B | | | |
| L. Maries Cr. | C | 1.0 | 24,42N,11W | 23,42N,11W | Osage | | | x | x | | | B | | | |
| L. Maries R. | P | 6.9 | Mouth | 12,40N,11W | Maries | | | x | x | | | B | | | |
| L. Maries R. | C | 12.3 | 12,40N,11W | 28,39N,11W | Maries | | | x | x | | | B | | | |
| L. Medicine Cr. | P | 39.8 | Mouth | State Line | Grundy | Mercer | | x | x | | | B | | | |
| L. Meramec R. | P | 3.5 | Mouth | 7,41N,2E | Franklin | | | x | x | | | B | | | |
| L. Meramec R. | P | 2.0 | 7,41N,2E | 8,41N,2E | Franklin | | | x | x | | | B | | | |
| L. Meramec R. | C | 1.2 | 8,41N,2E | 16,41N,2E | Franklin | | | x | x | | | B | | | |
| L. Mill Cr. | P | 5.9 | Mouth | 33,38N,21W | Hickory | | | x | x | | | B | | | |
| L. Monegaw Cr. | C | 9.0 | Mouth | 36,39N,27W | St. Clair | | | x | x | | | B | | | |
| L. Moniteau Cr. | P | 3.3 | Mouth | 3,45N,14W | Moniteau | | | x | x | | | A | | | |
| L. Moniteau Cr. | C | 5.1 | 3,45N,14W | 18,45N,14W | Moniteau | | | x | x | | | B | | | |
| L. Muddy Cr. | P | 2.0 | Mouth | Sur 2219,32,10E | Cape Girardeau | Bollinger | | x | x | | | B | | | |
| L. Muddy Cr. | C | 6.8 | Sur | Sur | Bollinger | | | x | x | | | B | x | | |
| | | | 2219,32N,10E | 3144,33N,10E | | | | | | | | | | | |
| L. Muddy Cr. | C | 4.1 | Mouth | 17,60N,27W | Daviess | | | x | x | | | B | | | |
| L. Muddy Cr. | C | 7.1 | Mouth | State Line | Mercer | | | x | x | | | B | | | |
| L. Muddy Cr. | C | 7.5 | Mouth | 18,46N,22W | Pettis | | | x | x | | | B | | | |
| L. Mussel Cr. | C | 4.4 | Mouth | 17,61N,17W | Adair | | | x | x | | | B | | | |
| L. N. Fk. White R. | P | 8.9 | Mouth | 36,24N,16W | Ozark | | | x | x | x | | B | | | |
| L. N. Fk. White R. | C | 6.9 | 36,24N,16W | 3,24N,16W | Ozark | | | x | x | x | | B | | | |
| L. N. Fork | C | 15.1 | Mouth | 30,31N,32W | Jasper | Barton | x | x | x | | | B | | | |
| L. Niangua R. | P | 43.8 | Mouth | 26,36N,19W | Camden | Dallas | | x | x | x | | A | x | | |
| L. Niangua R. | C | 8.0 | 26,36N,19W | 20,35N,19W | Dallas | | | x | x | | | A | x | | |
| L. No Cr. | C | 4.9 | Mouth | 30,63N,22W | Grundy | | | x | x | | | B | | | |
| L. Noix Cr. | C | 1.7 | Mouth | 28,54N,2W | Pike | | | x | x | | | | x | | |
| L. Osage R. | P | 18.0 | Mouth | 18,37N,31W | Vernon | | | x | x | | | B | x | | |
| L. Osage R. | C | 23.6 | 18,37N,31W | 18,37N,33W | Vernon | | | x | x | | | B | | | |
| L. Otter Cr. | C | 6.2 | Mouth | 6,55N,11W | Monroe | | | x | x | | | B | | | |
| L. Otter Cr. | C | 3.0 | Mouth | 4,56N,27W | Caldwell | | | x | x | | | B | | | |
| L. Paddy Cr. | C | 3.5 | Mouth | 36,33N,11W | Texas | | | x | x | | | B | | | |
| L. Pike Cr. | C | 1.6 | Mouth | 3,26N,2W | Carter | | | x | x | | | B | | | |
| L. Piney Cr. | P | 7.2 | Mouth | 25,37N,9W | Phelps | | | x | x | x | | A | x | | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
 LWW (LWP)-Livestock & Wildlife Watering
 AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
 Human Health-Fish Consumption
 CLF (CLH)-Cool Water Fishery
 CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
 DWS-Drinking Water Supply
 WBC-Whole Body Contact Recreation
 IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|----------------------|-------|-------|------------|------------------|----------------|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| L. Piney Cr. | P | 13.5 | 25,37N,9W | 4,35N,8W | Phelps | | | x | x | | x | A | | x | |
| L. Piney Cr. | C | 5.4 | 4,35N,8W | 21,35N,8W | Phelps | | | x | x | | x | B | | | |
| L. Piney Cr. | C | 1.9 | Mouth | 12,33N,12W | Texas | | | x | x | | | B | | | |
| L. Platte R. | P | 13.3 | Mouth | Smithville Dam | Platte | Clay | | x | x | | | B | | x | |
| L. Platte R. | C | 24.3 | Mouth | 28,57N,31W | Clinton | | | x | x | | | A | | x | |
| L. Pomme de Terre R. | C | 5.0 | 15,38N,23W | 3,37N,23W | Benton | Hickory | | x | x | x | | A | | x | |
| L. Pomme de Terre R. | C | 6.0 | Mouth | 25,31N,21W | Polk | Greene | | x | x | | | B | | | |
| L. Pomme de Terre R. | P | 15.8 | Mouth | 15,38N,23W | Benton | Hickory | | x | x | | | A | | x | |
| L. Profits Cr. | P | 1.7 | Mouth | 30,42N,11W | Osage | | | x | x | | | B | | | |
| L. Profits Cr. | C | 0.5 | 30,42N,11W | 30,42N,11W | Osage | | | x | x | | | B | | | |
| L. Ramsey Cr. | C | 1.0 | Mouth | 16,52N,1E | Pike | | | x | x | | | B | | | |
| L. Richland Cr. | C | 5.5 | Mouth | 12,44N,18W | Morgan | | | x | x | | | A | | x | |
| L. Rock Cr. | C | 2.3 | Mouth | 8,32N,5E | Madison | | | x | x | | | B | | | |
| L. Rocky Cr. | P | 0.7 | Mouth | 12,28N,3W | Shannon | | | x | x | | | B | | | |
| L. Rocky Cr. | C | 0.5 | 12,28N,3W | 1,28N,3W | Shannon | | | x | x | | | B | | | |
| L. Sac R. | P | 37.0 | Mouth | McDaniel Lk. Dam | Polk | Greene | | x | x | x | | A | | x | |
| L. Sac R. | P | 1.3 | Mouth | 17,30N,21W | Greene | | | x | x | | | B | | | |
| L. Sac R. | C | 2.2 | 17,30N,21W | Fellows Lake Dam | Greene | | | x | x | | | B | | | |
| L. Sac R. | C | 2.3 | Mouth | 21,30N,20W | Greene | | | x | x | | | B | | | |
| L. Saline Cr. | P | 5.4 | Mouth | 29,41N,14W | Miller | | | x | x | | | B | | | |
| L. Saline Cr. | P | 10.3 | Mouth | 24,36N,8E | Ste. Genevieve | | | x | x | | | B | | | |
| L. Sandy Cr. | C | 6.0 | Mouth | 9,51N,1W | Lincoln | | | x | x | | | B | | | |
| L. Shaver Cr. | C | 4.5 | Mouth | 04,45N,20W | Pettis | | | x | x | | | B | | x | |
| L. Shawnee Cr. | P | 2.0 | Mouth | 29,29N,3W | Shannon | | | x | x | | | B | | | |
| L. Shawnee Cr. | C | 2.0 | 29,29N,3W | 4,28N,3W | Shannon | | | x | x | | | B | | | |
| L. Shoal Cr. | P | 1.9 | Mouth | 13,36N,2W | Crawford | | | x | x | | | A | | | |
| L. Shoal Cr. | C | 1.7 | 13,36N,2W | 24,36N,2W | Crawford | | | x | x | | | B | | | |
| L. Shoal Cr. | C | 3.3 | Mouth | 24,51N,32W | Clay | | | x | x | | | B | | | |
| L. Shoal Cr. | C | 8.7 | Mouth | 4,66N,16W | Putnam | | | x | x | | | B | | | |
| L. Sinking Cr. | P | 4.0 | Mouth | 26,32N,3W | Shannon | Dent | | x | x | | | B | | | |
| L. Sinking Cr. | C | 1.0 | 26,32N,3W | 23,32N,3W | Dent | | | x | x | | | B | | | |
| L. Sni-a-bar Cr. | P | 6.7 | Mouth | 30,50N,27W | Lafayette | | | x | x | | | B | | | |
| L. Sni-a-bar Cr. | C | 7.5 | 30,50N,27W | 16,49N,27W | Lafayette | | | x | x | | | B | | | |
| L. Splice Cr. | P | 1.7 | Mouth | 16,47N,14W | Moniteau | | | x | x | | | B | | | |
| L. Splice Cr. | C | 2.3 | 16,47N,14W | 20,47N,14W | Moniteau | | | x | x | | | B | | | |
| L. St. Francis R. | P | 32.4 | Mouth | 32,35N,07E | Madison | St. Francois | | x | x | x | | A | | x | x |
| L. St. Francis R. | C | 0.8 | 32,35N,7E | 32,35N,7E | Madison | St. Francois | | x | x | | | B | | | |
| L. Sugar Cr. | C | 4.0 | Mouth | 10,49N,1E | Lincoln | | | x | x | | | B | | | |
| L. Sugar Cr. | P | 13.2 | Mouth | State Line | McDonald | | x | x | x | x | | A | | x | |
| L. Tabo Cr. | C | 9.2 | Mouth | 3,50N,25W | Lafayette | | | x | x | | | B | | | |
| L. Tarkio Cr. | P | 17.7 | Mouth | 19,63N,39W | Holt | | | x | x | | | B | | x | |
| L. Tarkio Cr. | C | 15.4 | 30,63N,39W | 13,65N,39W | Atchison | | | x | x | | | B | | | |
| L. Tarkio Ditch | P | 6.6 | Mouth | 36,61N,39W | Holt | | | x | x | | | B | | | |
| L. Taum Sauk Cr. | C | 2.3 | Mouth | 25,33N,2E | Reynolds | | | x | x | | | B | | | |
| L. Tavern Cr. | C | 4.0 | Mouth | 33,42N,13W | Miller | Cole | | x | x | x | | A | | | |
| L. Tavern Cr. | P | 1.5 | 33,39N,12W | 34,39N,12W | Miller | | | x | x | | | B | | | |
| L. Tavern Cr. | C | 1.5 | 34,39N,12W | 10,38N,12W | Miller | | | x | x | | | B | | | |

IRR-LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption
CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|------------------------|-------|-------|------------|------------|----------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| L. Tavern Cr. | P | 11.2 | Mouth | 5,39N,11W | Miller | Maries | | x | x | | | A | | | |
| L. Tavern Cr. | C | 1.0 | Mouth | 11,44N,2E | Franklin | | | x | x | | | B | | | |
| L. Tavern Cr. | C | 2.7 | 05,39N,11W | 07,39N,11W | Maries | | | x | x | | | B | | | |
| L. Tavern Cr. | C | 1.0 | Mouth | 36,46N,7W | Callaway | | | x | x | | | B | | | |
| L. Tebo Cr. | C | 6.0 | Mouth | 20,42N,22W | Benton | | | x | x | | | A | | x | |
| L. Third Cr. | C | 4.6 | Mouth | 23,42N,7W | Osage | | | x | x | | | B | | | |
| L. Third Fk. Platte R. | C | 26.0 | Mouth | 27,60N,32W | DeKalb | | | x | x | | | B | | | |
| L. Turkey Cr. | C | 2.3 | Mouth | 36,40N,22W | Benton | | | x | x | | | B | | | |
| L. Walnut Cr. | C | 2.3 | 18,60N,16W | 14,60N,17W | Macon | | | x | x | | | B | | | |
| L. Walnut Cr. | C | 2.8 | Mouth | 26,47N,24W | Johnson | | | x | x | | | B | | | |
| L. Weaubleau Cr. | P | 5.9 | Mouth | 09,36N,23W | St. Clair | Hickory | | x | x | | x | B | | x | |
| L. Weaubleau Cr. | C | 3.3 | 9,36N,23W | 12,36N,23W | St. Clair | Hickory | | x | x | | | A | | | |
| L. Whitewater Cr. | P | 24.2 | Mouth | 16,33N,9E | Cape Girardeau | Bollinger | | x | x | | | A | | | |
| L. Whitewater Cr. | C | 0.5 | Mouth | 8,33N,9E | Bollinger | | | x | x | | | B | | | |
| L. Wilson Cr. | P | 2.9 | Mouth | 25,32N,21W | Polk | | | x | x | | | B | | | |
| L. Wilson Cr. | C | 2.3 | 25,32N,21W | 32,32N,20W | Dallas | | | x | x | | | B | | | |
| L. Wyaconda R. | P | 7.4 | Mouth | 34,64N,8W | Clark | | | x | x | | | B | | | |
| L. Wyaconda R. | C | 7.5 | 34,64N,8W | 25,64N,9W | Clark | | | x | x | | | B | | | |
| La Barque Cr. | P | 4.5 | Mouth | 32,43N,3E | Jefferson | | | x | x | | | B | | | |
| Labadie Cr. | P | 5.0 | Mouth | 31,44N,2E | Franklin | | | x | x | | | B | | | |
| Labadie Cr. | C | 0.8 | Mouth | 36,44N,1E | Franklin | | | x | x | | | B | | x | |
| Ladies Br. | C | 7.8 | Mouth | 24,37N,30W | Vernon | | | x | x | | | B | | | |
| Lake Cr. | C | 10.2 | 12,44N,20W | 17,43N,20W | Pettis | Benton | | x | x | | x | B | | | |
| Lake Cr. | C | 5.7 | Mouth | 20,54N,19W | Chariton | | | x | x | | | B | | | |
| Lake Cr. | C | 3.3 | Mouth | 29,58N,25W | Livingston | | | x | x | | | B | | | |
| Lake Cr. | P | 5.4 | Mouth | 12,44N,20W | Pettis | | | x | x | | x | B | | | |
| Lake Cr. | C | 6.6 | Mouth | 34,58N,25W | Livingston | | | x | x | | | B | | | |
| Lake Ditch | C | 1.8 | Mouth | 01,42N,09W | Osage | | | x | x | | | B | | | |
| Lake Slough | C | 9.3 | 3,23N,7E | 31,25N,8E | Butler | | | x | x | | | B | | | |
| Lamine R. | P | 64.0 | Mouth | 13,45N,19W | Cooper | Morgan | x | x | x | | | A | | x | |
| Landing Cr. | C | 1.0 | Mouth | 16,42N,12W | Cole | | | x | x | | | B | | | |
| Landon Br. | C | 3.0 | Mouth | 5,34N,31W | Vernon | | | x | x | | | B | | | |
| Lanes Fk. | C | 2.8 | Mouth | 32,39N,7W | Maries | | | x | x | | | B | | | |
| Langejammer Cr. | C | 1.5 | Mouth | 30,43N,4W | Gasconade | | | x | x | | | B | | | |
| Larry Cr. | C | 1.2 | Mouth | 2,59N,28W | Daviess | | | x | x | | | B | | | |
| Lateral #2 | C | 2.4 | Mouth | 8,18N,12E | Pemiscot | | | x | x | | | B | | | |
| Lateral #2 Main Ditch | P | 11.5 | 24,23N,10E | 25,25N,10E | Stoddard | | | x | x | | | B | | | |
| Lateral #2 Main Ditch | C | 4.1 | 25,25N,10E | 6,25N,11E | Stoddard | | | x | x | | | B | | | |
| Lateral #27 | P | 6.0 | 29,16N,9E | 30,16N,10E | Dunklin | | | x | x | | | B | | | |
| Lateral #27 | C | 3.3 | Mouth | 32,20N,13E | Pemiscot | | | x | x | | | B | | | |
| Lateral #4 | C | 3.2 | Mouth | 21,27N,14E | Scott | | x | x | x | | | B | | x | |
| Lateral Ditch | C | 2.0 | Mouth | 32,22N,8E | Butler | | | x | x | | | B | | | |
| Lateral Ditch | C | 5.8 | Mouth | 3,22N,7E | Butler | | | x | x | | | B | | | |
| Lateral Ditch #1 | C | 4.0 | Mouth | 19,23N,10E | Dunklin | | | x | x | | | B | | | |
| Lateral Ditch #2 | C | 2.4 | Mouth | 9,22N,10E | Dunklin | | | x | x | | | | | x | |
| Lateral Ditch #37 | C | 4.3 | Mouth | 20,22N,8E | Butler | | | x | x | | | B | | | |
| Laurie Hollow | C | 1.4 | Mouth | 18,39N,17W | Camden | | | x | x | | | | | x | |
| Lead Cr. | P | 1.0 | Mouth | 7,49N,1W | Lincoln | | | x | x | | | B | | | |
| Lead Cr. | C | 7.5 | 7,49N,1W | 27,50N,2W | Lincoln | | | x | x | | | B | | | |
| Leatherwood Cr. | P | 1.7 | Mouth | 9,31N,5E | Madison | | | x | x | | | B | | | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
 LWW (LWP)-Livestock & Wildlife Watering
 AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
 Human Health-Fish Consumption

CLF (CLH)-Cool Water Fishery
 CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
 DWS-Drinking Water Supply
 WBC-Whole Body Contact Recreation
 IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDH | WBC | SCR | DWS | IND |
|-----------------|-------|-------|------------|---------------|-------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Leatherwood Cr. | C | 2.5 | 9,31N,5E | 6,31N,5E | Madison | | | x | x | | | B | | | |
| Lee Hollow | C | 1.0 | Mouth | 27,26N,7W | Howell | | | x | x | | | B | | | |
| Lee Rowe Ditch | C | 6.0 | 30,24N,16E | 30,25N,16E | Mississippi | | | x | x | | | B | | | |
| Leeper Cr. | C | 8.4 | Mouth | 21,58N,23W | Livingston | | | x | x | | | B | | | |
| Lewis Slough | C | 2.0 | Mouth | 32,67N,42W | Atchison | | | x | x | | | B | | | |
| Lick Br. | C | 1.5 | Mouth | 2,24N,10W | Howell | | | x | x | | | B | | | |
| Lick Br. | C | 6.6 | Mouth | 19,43N,29W | Cass | | | x | x | | | B | | | |
| Lick Br. | C | 1.8 | Mouth | 27,29N,3E | Wayne | | | x | x | | | B | | | |
| Lick Cr. | C | 5.5 | Mouth | 9,53N,7W | Ralls | | | x | x | | | B | | | |
| Lick Cr. | P | 2.0 | Mouth | 2,38N,4W | Crawford | | | x | x | | | B | | | |
| Lick Cr. | C | 2.5 | 2,38N,4W | 27,39N,4W | Crawford | | | x | x | | | | | x | |
| Lick Cr. | C | 1.0 | Mouth | 32,22N,16W | Ozark | | | x | x | | | B | | | |
| Lick Cr. | P | 6.8 | 25,22N,13W | 19,22N,13W | Ozark | | | x | x | | | B | | | |
| Lick Cr. | C | 6.1 | 19,22N,13W | 30,23N,13W | Ozark | | | x | x | | | B | | | |
| Lick Cr. | C | 4.2 | Mouth | 6,27N,8E | Wayne | | | x | x | | | B | | | |
| Lick Cr. | P | 3.4 | Mouth | 25,22N,13W | Ozark | | | x | x | | | A | | | |
| Lick Cr. Ditch | C | 16.2 | 33,25N,9E | 15,26N,10E | Stoddard | | | x | x | | | B | | x | |
| Lick Fk | C | 8.9 | Mouth | 02,50N,27W | Lafayette | | | x | x | | | B | | | |
| Lick Fk. | C | 10.1 | Mouth | 15,51N,13W | Boone | | | x | x | | | B | | | |
| Lick Fk. | P | 5.7 | Mouth | 30,58N,26W | Daviess | | | x | x | | | B | | | |
| Lick Fk. | C | 9.8 | 30,58N,26W | 7,57N,27W | Daviess | Caldwell | | x | x | | | B | | | |
| Lick Fk. | C | 1.9 | Mouth | 2,50N,15W | Howard | | | x | x | | | B | | | |
| Lick Fk. | C | 0.5 | Mouth | 20,44N,16W | Moniteau | | | x | x | | | B | | | |
| Lick Log Cr. | P | 1.6 | Mouth | 32,29N,8E | Bollinger | | | x | x | | | B | | | |
| Lick Log Cr. | C | 1.2 | 32,29N,8E | 31,29N,8E | Bollinger | | | x | x | | | B | | | |
| Ligett Cr. | C | 1.0 | Mouth | 9,26N,5E | Butler | | | x | x | | | B | | | |
| Limestone Cr. | P | 8.4 | Mouth | 24,30N,27W | Dade | | | x | x | x | | A | | | |
| Lincoln Cr. | C | 7.4 | Mouth | 14,60N,36W | Andrew | | | x | x | | | B | | | |
| Lindley Cr. | P | 24.1 | Mouth | 20,34N,20W | Hickory | Dallas | | x | x | | | B | | | |
| Lindley Cr. | C | 2.4 | 20,34N,20W | 32,34N,20W | Dallas | | | x | x | | | | | x | |
| Line Cr. | C | 7.0 | Mouth | Lake Waukomis | Platte | | | x | x | | | B | | | |
| Liner Cr. | C | 1.4 | Mouth | 9,21N,12W | Ozark | | | x | x | | | B | | | |
| Linn Cr. | C | 2.3 | Mouth | 31,66N,8W | Clark | | | x | x | | | | | x | |
| Linn Cr. | C | 6.0 | Mouth | 7,43N,8W | Osage | | | x | x | | | B | | | |
| Little Cr. | C | 1.2 | Mouth | 25,51N,12W | Boone | | | x | x | | | B | | | |
| Little Cr. | C | 1.5 | Mouth | 3,40N,5E | Jefferson | | | x | x | | | | | x | |
| Little Cr. | C | 5.0 | Mouth | 17,24N,15W | Ozark | | | x | x | | | B | | x | |
| Little Cr. | C | 2.5 | Mouth | 36,22N,14W | Ozark | | | x | x | | | B | | | |
| Little Cr. | C | 8.0 | Mouth | 1,25N,8W | Howell | | | x | x | | | B | | | |
| Little Cr. | C | 4.0 | Mouth | 26,32N,4W | Shannon | Dent | | x | x | | | B | | | |
| Little Cr. | C | 2.7 | Mouth | 19,34N,1W | Iron | | | x | x | | | B | | | |
| Little Cr. | C | 1.0 | Mouth | 12,32N,3E | Iron | | | x | x | | | B | | | |
| Little Cr. | P | 3.1 | Mouth | 35,28N,6E | Wayne | | | x | x | | | B | | | |
| Little Cr. | C | 2.7 | Mouth | 3,42N,3W | Franklin | | | x | x | | | | | x | |
| Little Cr. | C | 11.3 | Mouth | 31,65N,28W | Harrison | | | x | x | | | B | | | |
| Little Cr. | C | 3.5 | Mouth | 11,46N,28W | Johnson | | | x | x | | | B | | | |
| Little Cr. | P | 2.7 | Mouth | 8,30N,7E | Wayne | | | x | x | | | B | | | |
| Little R. | P | 8.0 | Mouth | State Line | Mercer | | | x | x | | | B | | | |
| Littleby Cr. | C | 16.0 | Mouth | 24,51N,8W | Audrain | | | x | x | | | B | | | |
| Locust Cr. | P | 91.7 | Mouth | State Line | Chariton | Putnam | | x | x | | | B | x | x | |

IRR LWW AQL CLF CDH WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption

CLF (CLH)-Cool Water Fishery
CDH (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|-----------------|-------|-------|------------|----------------|----------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Log Cr. | C | 8.8 | Mouth | 6,55N,28W | Caldwell | | | x | x | | | B | x | | |
| Logan Cr. | P | 7.2 | Mouth | 36,23N,3E | Ripley | | | x | x | | | B | | | |
| Logan Cr. | C | 7.5 | 36,23N,3E | 9,23N,3E | Ripley | | | x | x | | | B | | | |
| Logan Cr. | P | 36.0 | 27,29N,2E | 26,31N,2W | Reynolds | | | x | x | | | A | x | | |
| Logan Cr. | C | 5.8 | Mouth | 30,46N,7W | Callaway | | | x | x | | | A | x | | |
| Logan Cr. | C | 3.4 | Mouth | 19,44N,13W | Cole | | | x | x | | | B | | | |
| Long Br. | C | 29.0 | 7,53N,8W | 7,52N,11W | Monroe | Audrain | | x | x | | | B | | | |
| Long Br. | C | 1.5 | Mouth | 25,44N,2W | Franklin | | | x | x | | | B | | | |
| Long Br. | P | 5.5 | Mouth | 06,45N,23W | Pettis | Johnson | | x | x | | | B | | | |
| Long Br. | C | 3.0 | Mouth | 29,66N,38W | Atchison | | | x | x | | | B | | | |
| Long Br. | C | 3.0 | Mouth | 28,37N,19W | Camden | | | x | x | | | B | | | |
| Long Br. | P | 6.3 | Mouth | 6,62N,34W | Nodaway | | | x | x | | | B | | | |
| Long Br. | C | 15.0 | 6,62N,34W | 8,64N,34W | Nodaway | | | x | x | | | B | | | |
| Long Br. | C | 1.5 | Mouth | 27,45N,25W | Johnson | | | x | x | | | B | | | |
| Long Br. | C | 2.1 | Mouth | 24,40N,11W | Maries | | | x | x | | | B | | | |
| Long Br. | C | 5.7 | Mouth | 19,62N,31W | Gentry | | | x | x | | | B | | | |
| Long Br. | C | 14.5 | Mouth | 11,59N,20W | Linn | | | x | x | | | B | | x | |
| Long Br. | C | 8.8 | Mouth | 18,55N,18W | Chariton | | | x | x | | | B | | | |
| Long Br. | C | 6.0 | 06,45N,23W | 09,45N,24W | Pettis | Johnson | | x | x | | | B | | | |
| Long Branch Cr. | C | 14.8 | 18,58N,14W | 19,60N,14W | Macon | | | x | x | | | B | x | | |
| Long Cr. | C | 2.3 | Mouth | 16,40N,08W | Maries | | | x | x | | | B | | | |
| Long Cr. | C | 3.3 | Mouth | 4,55N,28W | Caldwell | | | x | x | | | B | | | |
| Long Cr. | C | 5.0 | Mouth | 26,54N,18W | Chariton | | | x | x | | | B | | | |
| Long Gravel Br. | P | 1.0 | Mouth | 5,33N,5E | Madison | | | x | x | | | B | | | |
| Long Grove Br. | C | 3.2 | 31,48N,20W | 07,47N,20W | Pettis | | | x | x | | | B | | | |
| Long Grove Br. | P | 0.9 | Mouth | 31,48N,20W | Pettis | | | x | x | | | B | | | |
| Long Run | C | 1.9 | Mouth | 27,23N,16W | Ozark | | | x | x | | | B | | | |
| Longan Br. | C | 2.3 | 26,41N,16W | 14,41N,16W | Miller | | | x | x | | | B | | | |
| Longs Cr. | C | 1.0 | Mouth | Sur 768,33N,9E | Bollinger | | | x | x | | | B | | | |
| Loose Cr. | C | 8.5 | 16,44N,9W | 10,43N,9W | Osage | | | x | x | | | B | | | |
| Loose Cr. | P | 9.5 | Mouth | 16,44N,9W | Osage | | | x | x | | | B | | | |
| Lost Camp Cr. | C | 5.3 | Mouth | 20,26N,8W | Howell | | | x | x | | | B | | | |
| Lost Cr. | P | 6.4 | Mouth | 15,46N,3W | Warren | | | x | x | | x | B | | | |
| Lost Cr. | C | 3.8 | 15,46N,3W | 2,46N,3W | Warren | | | x | x | | | B | | | |
| Lost Cr. | P | 8.3 | Mouth | 19,37N,1E | Crawford | Washington | | x | x | | | B | | | |
| Lost Cr. | C | 3.0 | 19,37N,1E | 29,37N,1E | Washington | | | x | x | | | B | | | |
| Lost Cr. | P | 1.0 | Mouth | 5,35N,3E | Washington | | | x | x | | | B | | | |
| Lost Cr. | C | 2.5 | 5,35N,3E | 9,35N,3E | Washington | | | x | x | | | B | | | |
| Lost Cr. | P | 8.5 | State Line | 14,25N,33W | Newton | | | x | x | | x | A | x | | |
| Lost Cr. | C | 25.2 | Mouth | King Lake | DeKalb | | | x | x | | | B | | | |
| Lost Cr. | C | 5.5 | 15,64N,16W | 5,64N,15W | Schuyler | | | x | x | | | B | | | |
| Lost Cr. | C | 1.8 | Mouth | 36,61N,32W | DeKalb | Gentry | | x | x | | | B | | | |
| Lottie Hollow | C | 1.0 | Mouth | 35,24N,12W | Ozark | | | x | x | | | B | | | |
| Lotts Cr. | C | 9.7 | Mouth | 8,66N,29W | Worth | Harrison | | x | x | | | B | | | |
| Loutre Cr. | C | 4.5 | Mouth | 30,46N,4W | Warren | | | x | x | | | B | | | |
| Loutre R. | P | 39.4 | Mouth | 5,48N,6W | Montgomery | | | x | x | | | B | | | |
| Loutre R. | C | 15.1 | 5,48N,6W | 36,50N,8W | Montgomery | Audrain | | x | x | | | B | | | |
| Loutre Slough | PI | 5.5 | Mouth | 19,46N,4W | Warren | | | x | x | | | B | | | |
| Lovejoy Cr. | P | 1.0 | Mouth | Sur | Cape Girardeau | | | x | x | | | B | | | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation

CLF (CLH)-Cool Water Fishery

SCR-Secondary Contact Recreation

LWW (LWP)-Livestock & Wildlife Watering

CDF (CDH)-Cold Water Fishery

DWS-Drinking Water Supply

AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,

WBC-Whole Body Contact Recreation

Human Health-Fish Consumption

IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|---|-------|-------|------------|------------------------------|----------------|-------------|-----|-----------------------------------|-----|-----|-----|-----|-----|-----|-----|
| | | | | 2246,33N,14E | | | | | | | | | | | |
| Lovejoy Cr. | C | 1.5 | Sur | 24,33N,13E | Cape Girardeau | | | x | x | | | B | | | |
| | | | | 2246,33N,14E | | | | | | | | | | | |
| Lower Peavine Cr. | C | 1.0 | Mouth | 11,40N,7W | Maries | | | x | x | | | B | | | |
| Lower Rock Cr. | C | 3.5 | Mouth | 32,33N,5E | Madison | | | x | x | | | B | | | |
| Ludecker Hollow | C | 2.0 | Mouth | 4,23N,14W | Ozark | | | x | x | | | B | | | |
| Lumpkin Cr. | C | 0.5 | Mouth | 29,47N,32W | Jackson | | | x | x | | | B | | | |
| Luther Br. | C | 0.6 | Mouth | 32,38N,06W | Phelps | | | x | x | | | B | | | |
| Luystown Cr. | C | 2.0 | Mouth | 16,44N,8W | Osage | | | x | x | | | B | | | |
| Luzon Br. | C | 1.0 | 13,44N,10W | 24,44N,10W | Osage | | | x | x | | | B | | | |
| Luzon Br. | P | 0.7 | Mouth | 13,44N,10W | Osage | | | x | x | | | B | | | |
| Lyman Cr. | C | 1.0 | Mouth | 30,40N,3W | Crawford | | | x | x | | x | A | | | |
| M. Fk. Fourche a Renault Cr. | C | 1.8 | Mouth | 25,37N,1E | Washington | | | x | x | | | B | | | |
| M. Fk. L. Chariton R. | C | 17.6 | Mouth | 3,58N,15W | Macon | | | x | x | | | B | | | |
| M. Fk. Little Chariton R. | P | 31.5 | Mouth | 24,55N,16W | Chariton | Randolph | | x | x | | | B | | x | |
| M. Fk. Salt R. | P | 58.1 | Mouth | 16,56N,13W | Monroe | Macon | x | x | x | | | B | x | x | |
| M. Fk. Salt R. | C | 25.4 | 16,56N,13W | 23,59N,14W | Macon | | | x | x | | | B | | | |
| Mace Cr. | C | 5.8 | Mouth | 25,59N,36W | Andrew | | | x | x | | | B | | | |
| Macks Cr. | P | 8.7 | Mouth | 12,37,19W | Camden | | | x | x | | | B | | | |
| Macks Cr. | C | 2.8 | 12,37N,19W | 23,37N,19W | Camden | | | x | x | | | | x | | |
| Madden Cr. | C | 4.5 | Mouth | 29,36N,8E | Ste. Genevieve | | | x | x | | | B | | | |
| Maddin Cr. | C | 1.9 | Mouth | 35,39N,3E | Washington | | | x | x | | | B | | | |
| Maddox Br. | C | 2.8 | 35,48N,9W | 23,48N,9W | Callaway | | | x | x | | | B | | | |
| Mag Cr. | C | 0.1 | Mouth | 26,40N,10W | Maries | | | x | x | | | B | | | |
| Mahans Cr. | P | 4.3 | Mouth | 9,28N,4W | Shannon | | | x | x | x | | B | | | |
| Mahans Cr. | C | 4.4 | 9,28N,4W | 28,28N,04W | Shannon | | | x | x | | | B | | | |
| Main Ditch | C | 13.0 | 18,22N,6E | 15,24N,6E | Butler | | x | x | x | | | B | | | |
| Main Ditch | P | 11.9 | 14,16N,10E | 30,18N,11E | Pemiscot | | | x | x | | | B | x | | |
| Main Ditch | P | 23.2 | 8,19N,10E | 19,23N,10E | Dunklin | | | x | x | | | B | | | |
| Main Ditch | C | 6.0 | 19,23N,10E | 20,24N,10E | Dunklin | Stoddard | | x | x | | | | x | | |
| Main Ditch #36 | C | 1.8 | 21,19N,10E | 9,19N,10E | Dunklin | | | x | x | | | B | | | |
| Main Ditch #8 | P | 18.3 | 27,18N,10E | 3,19N,12E | Pemiscot | | | x | x | | | B | | | |
| Main Ditch #8 | C | 11.5 | 3,19N,12E | 18,20N,14E | Pemiscot | | | x | x | | | | x | | |
| Malaruni Cr. | C | 1.5 | Mouth | 19,56N,3W | Ralls | | | x | x | | | B | | | |
| Maline Cr. | C | 0.6 | Sur | 9,46N,7E | St. Louis City | St. Louis | | x | x | | | B | x | | |
| Maline Cr. | C | 0.5 | Mouth | 3125,46N,7E | St. Louis City | | | x | x | | | | x | | |
| | | | | 3125,46N,7E | | | | | | | | | | | |
| Malone Cr. | P | 6.9 | Mouth | 34,30N,10E | Bollinger | | | x | x | | | B | | | |
| Malone Cr. | C | 2.3 | 34,30N,10E | 28,30N,10E | Bollinger | | | x | x | | | B | | | |
| Mammoth Cr. | P | 0.7 | Mouth | 11,39N,03E | Jefferson | | | x | x | | | B | | | |
| Manacle Cr. | C | 2.4 | Mouth | 35,49N,11W | Callaway | | | x | x | | | | x | | |
| Maple Slough | C | 18.2 | Mouth | 11,26N,15E | New Madrid | Mississippi | | x | x | | | B | | | |
| Marais des Cygnes R. | P | 48.8 | Mouth | State Line | Bates | | x | x | x | | | A | x | x | |
| Marble Cr. | P | 14.7 | Mouth | 28,33N,4E | Madison | Iron | | x | x | x | | B | x | | |
| Marble Cr. | C | 1.0 | 28,33N,4E | 20,33N,4E | Iron | | | x | x | | | B | | | |
| Maries R. | P | 44.0 | Mouth | 24,40N,10W | Osage | Maries | | x | x | x | | A | x | | |
| Maries R. | C | 18.1 | 24,40N,10W | 13,38N,11W | Maries | | | x | x | | | B | | | |
| Marlin Cr. | C | 3.4 | 34,48N,20W | 04,47N,20W | Pettis | | | x | x | | | B | | | |
| Marlin Cr. | P | 3.7 | Mouth | 34,48N,20W | Pettis | | | x | x | | | B | | | |
| IRR-LWV AQL CLF CDF WBC SCR DWS IND | | | | | | | | | | | | | | | |
| IRR-Irrigation | | | | CLF (CLH)-Cool Water Fishery | | | | SCR-Secondary Contact Recreation | | | | | | | |
| LWW (LWP)-Livestock & Wildlife Watering | | | | CDF (CDH)-Cold Water Fishery | | | | DWS-Drinking Water Supply | | | | | | | |
| AQL (WWH, HHP)-Protection of Warm Water Aquatic Life, | | | | | | | | WBC-Whole Body Contact Recreation | | | | | | | |
| Human Health-Fish Consumption | | | | | | | | IND-Industrial | | | | | | | |

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|----------------------|-------|-------|------------|-------------|-------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Marlowe Cr. | P | 6.7 | Mouth | 30,66N,31W | Worth | | | x | x | | | B | | | |
| Marlowe Cr. | C | 1.0 | 30,66N,31W | 19,66N,31W | Worth | | | x | x | | | B | | | |
| Marmaton R. | P | 35.7 | 11,37N,31W | State Line | Vernon | | x | x | x | | | B | | | |
| Marney Br. | C | 5.4 | Mouth | 3,43N,15W | Moniteau | | | x | x | | | B | | | |
| Marrowbone Cr. | P | 11.5 | Mouth | 36,58N,28W | Daviess | | | x | x | | | B | | | |
| Marrowbone Cr. | C | 13.9 | 36,58N,28W | 15,58N,29W | Daviess | | | x | x | | | B | | | |
| Marsh Cr. | P | 2.3 | Mouth | 34,32N,5E | Madison | | | x | x | | | B | | | |
| Marsh Cr. | C | 0.6 | 34,32N,5E | 33,32N,5E | Madison | | | x | x | | | B | | | |
| Marshalls Cr. | C | 15.4 | Mouth | 33,40N,27W | Henry | | | x | x | | | B | | | |
| Martin Br. | C | 0.5 | Mouth | 2,40N,04W | Franklin | | | x | x | | | B | | | |
| Martin Cr. | C | 6.9 | Mouth | 27,64N,25W | Harrison | Mercer | | x | x | | | B | | | |
| Martin Hollow | C | 1.0 | Mouth | 1,32N,7E | Madison | | | x | x | | | B | | | |
| Marys Cr. | P | 1.0 | Mouth | 03,39N,01W | Washington | | | x | x | | | B | | | |
| Marys Hollow | C | 4.6 | Mouth | 5,24N,11W | Ozark | | | x | x | | | B | | | |
| Mash Cr. | P | 0.5 | Mouth | 12,30N,4W | Shannon | | | x | x | | | B | | | |
| Mash Cr. | C | 2.0 | 12,30N,4W | 35,31N,4W | Shannon | | | x | x | | | B | | | |
| Mash Hollow | C | 1.0 | Mouth | 33,24N,24W | Stone | | | x | x | | | B | | | |
| Mason Springs Valley | P | 1.0 | State Line | 21,24N,34W | Newton | | | x | x | | | B | | | |
| Massey Cr. | C | 7.0 | 2,44N,33W | 20,45N,33W | Cass | | | x | x | | | B | | | |
| Massie Cr. | P | 4.0 | Mouth | 10,46N,4W | Warren | | | x | x | | | B | | | |
| Massie Cr. | C | 3.5 | 10,46N,4W | 36,47N,4W | Warren | | | x | x | | | B | | | |
| Mattese Cr. | P | 1.1 | Mouth | 15,43N,6E | St. Louis | | | x | x | | | B | x | | |
| Maupin Br. | C | 1.6 | Mouth | 35,47N,14W | Moniteau | | | x | x | | | B | | | |
| Maupin Cr. | P | 1.3 | Mouth | 36,41N,02E | Jefferson | | | x | x | | | B | | | |
| Max Cr. | C | 3.6 | Mouth | 26,24N,19W | Taney | | | x | x | | | B | | | |
| May Br. | C | 0.5 | Mouth | Hwy AN | Franklin | | | x | x | | | B | | | |
| May Br. | C | 3.5 | Mouth | 30,48N,22W | Saline | Pettis | | x | x | | | B | | | |
| Mayfield Cr. | P | 0.8 | Mouth | 21,32N,10E | Bollinger | | | x | x | | | B | | | |
| Mayfield Cr. | C | 2.7 | 21,32N,10E | 18,32N,10E | Bollinger | | | x | x | | | B | | | |
| Mayhan Br. | C | 1.3 | Mouth | 18,28N,08W | Texas | | | x | x | | | | x | | |
| Maze Cr. | C | 2.0 | Mouth | 9,32N,25W | Dade | | | x | x | | | B | | | |
| McCarty Cr. | C | 13.2 | Mouth | 31,34N,29W | Vernon | | | x | x | | | B | | | |
| McClanahan Cr. | C | 2.5 | Mouth | Sur | Perry | | | x | x | | | B | | | |
| | | | | 911,36N,11E | | | | | | | | | | | |
| McCoy Cr. | P | 1.9 | Mouth | 6,47N,2E | St. Charles | | | x | x | | | B | | | |
| McCoy Cr. | C | 4.5 | 6,47N,2E | 10,47N,1E | St. Charles | | | x | x | | | B | | | |
| McDade Br. | P | 0.7 | Mouth | 9,39N,5W | Crawford | | | x | x | | | B | | | |
| McDade Br. | C | 1.7 | 9,39N,5W | 17,39N,5W | Crawford | | | x | x | | | B | | | |
| McElroy Cr. | C | 3.0 | Mouth | 9,66N,41W | Atchison | | | x | x | | | B | | | |
| McGee Br. | C | 3.9 | Mouth | 03,44N,20W | Pettis | | | x | x | | | B | | | |
| McGee Cr. | P | 7.2 | Mouth | 20,28N,8E | Wayne | | | x | x | | | B | | | |
| McGuire Br. | C | 5.4 | Mouth | 7,56N,32W | Clinton | | | x | x | | | B | | | |
| McKenzie Cr. | P | 6.3 | Mouth | 23,29N,3E | Wayne | | | x | x | | | B | | | |
| McKenzie Cr. | C | 4.7 | 23,29N,3E | 34,30N,3E | Wayne | | | x | x | | | | x | | |
| McKenzie Cr. | C | 5.5 | Mouth | 06,37N,29W | Vernon | | | x | x | | | B | | | |
| McKill Cr. | P | 2.7 | Mouth | 34,34N,33W | Vernon | | | x | x | | | B | | | |
| McKill Cr. | C | 2.2 | 34,34N,33W | 35,34N,33W | Vernon | | | x | x | | | B | | | |
| McKinney Cr. | C | 0.7 | Mouth | 23,48N,9W | Callaway | | | x | x | | | B | | | |
| McLean Cr. | C | 6.6 | Mouth | 16,49N,2E | Lincoln | | | x | x | | | B | | | |
| McMullen Br. | C | 1.2 | Mouth | 18,39N,5E | Jefferson | | | x | x | | | | | x | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption

CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery
SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|--------------------------|-------|-------|------------|--------------------|--------------|-----------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| McVey Br. | C | 1.5 | Mouth | 3,21N,16W | Ozark | | | x | x | | | B | | | |
| Meadows Cr. | P | 1.4 | Mouth | 10,45N,13W | Cole | | | x | x | | | B | | | |
| Meadows Cr. | C | 2.0 | 10,45N,13W | 16,45N,13W | Cole | | | x | x | | | B | | | |
| Meddleberger Br. | C | 1.1 | Mouth | 34,40N,11W | Maries | | | x | x | | | B | | | |
| Medicine Cr. | P | 31.3 | Mouth | 9,61N,22W | Livingston | Grundy | | x | x | | | B | | | |
| Medicine Cr. | P | 43.8 | 9,61N,22W | State Line | Grundy | Putnam | | x | x | | | B | | | |
| Medlen Cr. | C | 1.0 | Mouth | 6,43N,15W | Moniteau | | | x | x | | | B | | | |
| Melton Cr. | C | 2.8 | Mouth | 21,36N,29W | Vernon | | | x | x | | | B | | | |
| Menorkenut Slough | C | 10.4 | Mouth | 33,24N,8E | Butler | | | x | x | | | B | x | | |
| Meramec R. | P | 76.0 | Big R. | Meramec State Pk. | Jefferson | Franklin | | x | x | x | | A | x | x | x |
| Meramec R. | P | 51.3 | 13,40N,2W | 22,38N,5W | Franklin | Crawford | | x | x | x | | A | x | | x |
| Meramec R. | P | 10.0 | 22,38N,5W | 6,37N,5W | Crawford | | | x | x | x | x | A | x | | |
| Meramec R. | P | 38.9 | 7,37N,5W | 19,34N,4W | Crawford | Dent | | x | x | x | | A | x | | |
| Meramec R. | C | 4.0 | 19,34N,4W | 4,33N,4W | Dent | | | x | x | x | | B | | | |
| Meramec R. | P | 22.8 | Mouth | 18,44N,5E | St. Louis | | | x | x | | | A | x | x | x |
| Meramec R. | P | 15.7 | 18,44N,5E | Big R. | St. Louis | Jefferson | | x | x | x | | A | x | x | x |
| Merrills Br. | C | 3.2 | Mouth | 19,58N,8W | Marion | | | x | x | | | B | | | |
| Miami Cr. | P | 19.6 | Mouth | 4,40N,32W | Bates | | | x | x | | | B | | | |
| Miami Cr. | C | 15.6 | 10,40N,32W | 4,41N,33W | Bates | | | x | x | | | B | | | |
| Mid. Fk. Shoal Cr. | C | 1.3 | Mouth | 35,36N,2W | Crawford | | | x | x | | | B | | | |
| Mid. Richland Cr. | C | 9.4 | Mouth | 6,42N,18W | Morgan | | | x | x | | | A | x | | |
| Middle Big Cr. | C | 9.4 | Mouth | Lake Winnebago Dam | | | Cass | | x | | | xB | | | |
| Middle Br. Squaw Cr. | C | 3.0 | Mouth | 5,62N,38W | Holt | | | x | x | | | B | | | |
| Middle Brushy Cr. | C | 7.0 | Mouth | 32,27N,3E | Wayne | Carter | | x | x | | | A | | | |
| Middle Cr. | C | 6.5 | Mouth | 14,62N,25W | Grundy | | | x | x | | | B | | | |
| Middle Fabius R. | P | 75.7 | Mouth | 22,64N,12W | Lewis | Scotland | | x | x | | | A | x | x | |
| Middle Fk. | P | 7.0 | Mouth | 28,25N,6W | Oregon | | | x | x | | | A | x | | |
| Middle Fk. | C | 12.0 | 28,25N,6W | 4,24N,7W | Oregon | Howell | | x | x | | | B | | | |
| Middle Fk. Big Cr. | P | 2.0 | Mouth | 19,31N,7E | Madison | | | x | x | | | B | | | |
| Middle Fk. Big Cr. | C | 1.0 | 19,31N,7E | 18,31N,7E | Madison | | | x | x | | | B | | | |
| Middle Fk. Black R. | P | 21.0 | Mouth | 24,34N,1W | Reynolds | Iron | | x | x | x | | A | | | |
| Middle Fk. Black R. | C | 1.2 | 24,34N,1W | 13,34N,1W | Iron | | | x | x | x | | A | | | |
| Middle Fk. Grand R. | P | 27.5 | Mouth | 12,66N,31W | Gentry | Worth | x | x | x | | | A | x | | |
| Middle Fk. Grand R. | C | 2.5 | 12,66N,31W | State Line | Worth | | | x | x | | | B | x | | |
| Middle Fk. Lost Cr. | C | 8.0 | Mouth | 27,60N,31W | DeKalb | | | x | x | | | B | | | |
| Middle Fk. Tebo Cr. | C | 7.5 | Mouth | 6,43N,24W | Henry | | | x | x | | | B | | | |
| Middle Fork | C | 3.2 | Mouth | 20,43N,03W | Franklin | | | x | x | | | B | | | |
| Middle Indian Cr. | C | 2.5 | Mouth | 19,27N,10W | Douglas | Howell | | x | x | | | B | | | |
| Middle Indian Cr. | C | 3.5 | 16,24N,30W | 12,24N,30W | Newton | | | x | x | | | A | x | | |
| Middle Indian Cr. | P | 2.2 | Mouth | 16,24N,30W | Newton | | | x | x | | | B | | | |
| Middle Prong Brushy Cr. | C | 1.0 | Mouth | 29,30N,3W | Shannon | | | x | x | | | B | | | |
| Middle Prong Crooked Cr. | P | 2.2 | Mouth | 24,35N,4W | Dent | | | x | x | | | B | | | |
| Middle Prong Crooked Cr. | C | 2.0 | 24,35N,4W | 29,35N,3W | Dent | Crawford | | x | x | | | B | | | |
| Middle R. | P | 15.0 | Mouth | 4,45N,9W | Callaway | | | x | x | | | B | | | |
| Middle R. | C | 10.6 | 4,45N,9W | 2,46N,10W | Callaway | | | x | x | | | B | | | |
| Middle Tarkio Cr. | C | 10.0 | Mouth | State Line | Atchison | | x | x | x | | | B | x | | |
| Middlebrook Cr. | C | 1.1 | Mouth | 07,34N,04E | St. Francois | | | x | x | | | B | | | |
| Mikes Cr. | P | 4.0 | Mouth | 14,22N,30W | McDonald | | x | x | x | | | A | | | |

IRR-LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption

CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery
SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|-----------------------|-------|-------|---------------|---------------|----------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Mill Br. | P | 1.2 | Mouth | 3,38N,2E | Washington | | | x | x | | | B | | | |
| Mill Br. | C | 1.0 | 3,38N,2E | 2,38N,2E | Washington | | | x | x | | | B | | | |
| Mill Cr. | P | 1.5 | Mouth | 30,39N,14W | Miller | | | x | x | | | B | | | |
| Mill Cr. | C | 2.0 | 30,39N,14W | 28,39N,14W | Miller | | | x | x | | | B | | | |
| Mill Cr. | P | 4.8 | Mouth | 25,37N,15W | Camden | | | x | x | | | A | x | | |
| Mill Cr. | P | 2.0 | Mouth | 9,36N,18W | Dallas | | | x | x | | x | B | | | |
| Mill Cr. | P | 1.5 | 9,36N,18W | 8,36N,18W | Dallas | | | x | x | | | B | | | |
| Mill Cr. | P | 5.8 | Mouth | 8,37N,21W | Hickory | | | x | x | x | | B | | | |
| Mill Cr. | P | 1.3 | Mouth | 29,37N,9W | Phelps | | | x | x | | | A | | | |
| Mill Cr. | P | 6.7 | 29,37N,9W | Yelton Spring | Phelps | | | x | x | | x | A | | | |
| Mill Cr. | P | 3.5 | Yelton Spring | 5,35N,9W | Phelps | | | x | x | | | B | | | |
| Mill Cr. | C | 5.0 | Mouth | Sur | Lincoln | | | x | x | | | B | x | | |
| | | | | 1767,51N,1W | | | | | | | | | | | |
| Mill Cr. | C | 4.3 | Mouth | 3,36N,8E | Ste. Genevieve | | | x | x | | | B | | | x |
| Mill Cr. | P | 13.5 | Mouth | 8,37N,3E | St. Francois | Washington | | x | x | | | B | | | |
| Mill Cr. | P | 3.0 | Mouth | 36,36N,3E | Washington | | | x | x | | | B | | | |
| Mill Cr. | C | 0.8 | 36,36N,3E | 36,36N,3E | Washington | | | x | x | | | B | | | |
| Mill Cr. | P | 10.0 | Mouth | 2,59N,38W | Holt | | | x | x | | | B | | | |
| Mill Cr. | P | 2.7 | Mouth | 8,27N,1W | Carter | | | x | x | | | A | | | |
| Mill Cr. | C | 2.4 | 8,27N,1W | 1,27N,2W | Carter | | | x | x | | | B | | | |
| Mill Cr. | C | 1.4 | Mouth | 7,25N,6E | Butler | | | x | x | | | B | | | |
| Mill Cr. | P | 3.5 | Mouth | 33,33N,7E | Madison | | | x | x | | | B | | | |
| Mill Cr. | C | 1.0 | 33,33N,7E | 33,33N,7E | Madison | | | x | x | | | B | | | |
| Mill Cr. | C | 2.0 | Mouth | 30,31N,5E | Wayne | Madison | | x | x | | | B | | | |
| Mill Cr. | P | 10.8 | Mouth | State Line | Nodaway | | | x | x | | | B | | | |
| Mill Cr. | P | 2.5 | Mouth | 24,21N,33W | McDonald | | | x | x | | | A | | | |
| Mill Cr. | C | 3.9 | Mouth | 17,46N,33W | Jackson | Cass | | x | x | | | B | | | |
| Mill Cr. | C | 3.2 | 08,37N,21W | 15,37N,21W | Hickory | | | x | x | x | | B | | | |
| Mill Cr. | P | 0.4 | Mouth | 21,39N,8W | Maries | | | x | x | | | B | | | |
| Mill Cr. | C | 1.4 | 21,39N,8W | 22,39N,08W | Maries | | | x | x | | | B | | | |
| Mill Cr. | P | 0.5 | Mouth | 03,37N,10W | Phelps | | | x | x | | | B | | | |
| Mill Cr. | C | 1.3 | Mouth | 8,56N,28W | Caldwell | | | x | x | | | B | | | |
| Mill Rock Cr. | C | 1.3 | Mouth | 9,35N,2W | Crawford | | | x | x | | | B | | | |
| Mill Spring Cr. | P | 1.0 | Mouth | 3,40N,8W | Maries | | | x | x | | | B | | | |
| Millan Hollow | C | 1.4 | Mouth | 1,29N,20W | Greene | | | x | x | | | | | | |
| Miller Cr. | C | 6.6 | Mouth | 3,26N,4E | Wayne | | | x | x | | | B | | | |
| Millers Cr. | C | 1.9 | Mouth | 14,47N,11W | Callaway | | | x | x | | | B | | | |
| Milligan Cr. | C | 9.0 | Mouth | 18,53N,12W | Monroe | | | x | x | | | B | | | |
| Mine a Breton Cr. | P | 9.0 | 7,38N,2E | 10,37N,2E | Washington | | | x | x | | | B | | | |
| Mine a Breton Cr. | C | 3.0 | 10,37N,2E | 23,37N,2E | Washington | | | x | x | | | B | | | |
| Mineral Br. | C | 1.7 | Mouth | 17,44N,15W | Moniteau | | | x | x | | | B | | | |
| Mineral Cr. | C | 4.6 | Mouth | 20,44N,25W | Johnson | | | x | x | | | B | | | |
| Mineral Fk. | P | 16.7 | Mouth | 7,38N,2E | Washington | | | x | x | x | | A | | | |
| Mineral Spring Hollow | C | 0.8 | Mouth | 30,31N,09W | Texas | | | x | x | | | B | | | |
| Mingo Cr. | C | 2.0 | Mouth | 5,26N,8E | Stoddard | | | x | x | | | B | | | |
| Mingo Ditch | P | 16.0 | Mouth | 32,27N,8E | Stoddard | | | x | x | | | B | | | |
| Minnow Br. | C | 1.0 | Mouth | 25,41N,20W | Benton | | | x | x | | | B | | | |
| Minor Cr. | C | 2.0 | Mouth | 11,33N,3E | Iron | | | x | x | | | B | | | |
| Mission Cr. | C | 2.4 | Hwy. 45 | 17,54N,36W | Platte | | | x | x | | | B | | | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
 LWW (LWP)-Livestock & Wildlife Watering
 AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
 Human Health-Fish Consumption
 CLF (CLH)-Cool Water Fishery
 CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
 DWS-Drinking Water Supply
 WBC-Whole Body Contact Recreation
 IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|----------------|-------|-------|-------------------|-------------------|----------------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Mississippi R. | P | 6.3 | N Riverfront Park | Missouri R. | St. Louis City | St. Charles | x | x | x | | | B | x | x | x |
| Mississippi R. | P | 28.3 | Meramec R. | N Riverfront Park | St. Louis | St. Louis City | x | x | x | | | | x | x | x |
| Mississippi R. | P | 125.1 | State Line | Ohio R. | Pemiscot | Mississippi | x | x | x | | | B | x | x | x |
| Mississippi R. | P | 94.4 | Cuivre R. | Lock and Dam 21 | St. Charles | Marion | | x | x | | | A | x | x | x |
| Mississippi R. | P | 44.1 | Missouri R. | Cuivre R. | St. Charles | | | x | x | | | A | x | x | x |
| Mississippi R. | P | 44.6 | Kaskaskia R. | Meramec R. | Ste. Genevieve | St. Louis | x | x | x | | | B | x | x | x |
| Mississippi R. | P | 120.1 | Ohio R. | Kaskaskia R. | Mississippi | Ste. Genevieve | x | x | x | | | B | x | x | x |
| Mississippi R. | P | 37.5 | Lock & Dam 21 | Des Moines R. | Marion | Clark | | x | x | | | A | x | x | x |
| Missouri R. | P | 104.5 | Mouth | Gasconade R. | St. Louis | Gasconade | x | x | x | | | B | x | x | x |
| Missouri R. | P | 129.0 | Chariton R. | Kansas R. | Chariton | Jackson | x | x | x | | | B | x | x | x |
| Missouri R. | P | 135.0 | Gasconade R. | Chariton R. | Gasconade | Chariton | x | x | x | | | B | x | x | x |
| Missouri R. | P | 184.5 | Kansas R. | State Line | Jackson | Atchison | x | x | x | | | B | x | x | x |
| Mistaken Cr. | P | 6.5 | Mouth | 20,42N,7W | Osage | | | x | x | | | B | | | |
| Mistaken Cr. | C | 1.5 | 20,42N,7W | 30,42N,7W | Osage | | | x | x | | | B | | | |
| Moccasin Cr. | C | 2.6 | Mouth | 26,63N,33W | Gentry | | | x | x | | | B | | | |
| Modoc Cr. | C | 3.3 | Mouth | 25,46N,6W | Montgomery | | | x | x | | | B | x | | |
| Monegaw Cr. | P | 4.8 | Mouth | 21,38N,27W | St. Clair | | | x | x | | | A | x | | |
| Monegaw Cr. | C | 18.4 | 21,38N,27W | 4,39N,28W | St. Clair | | | x | x | | | B | x | | |
| Moniteau Cr. | P | 25.7 | Mouth | 5,50N,14W | Howard | | | x | x | | | B | x | | |
| Moniteau Cr. | C | 14.4 | 5,50N,14W | 16,52N,14W | Howard | Randolph | | x | x | | | B | | | |
| Moniteau Cr. | C | 16.1 | 16,46N,15W | 21,46N,17W | Moniteau | Cooper | | x | x | | | B | x | | |
| Moniteau Cr. | P | 19.6 | Mouth | 16,46N,15W | Cole | Moniteau | | x | x | | | B | x | | |
| Montgomery Br. | C | 6.5 | 15,38N,23W | 6,37N,22W | Hickory | | | x | x | | | B | | | |
| Mooney Br. | C | 2.2 | Mouth | 3,33N,10W | Texas | | | x | x | | | | x | | |
| Moore Br. | C | 5.7 | Mouth | 27,35N,31W | Vernon | | | x | x | | | B | | | |
| Moore Br. | P | 3.0 | Mouth | 34,35N,33W | Vernon | | | x | x | | | B | | | |
| Moore Br. | C | 2.3 | 34,35N,33W | 33,35N,33W | Vernon | | | x | x | | | B | | | |
| Moreau R. | P | 37.0 | Mouth | 1,43N,13W | Cole | | | x | x | | | A | x | | |
| Morgan Cr. | C | 1.5 | Mouth | 17,43N,14W | Cole | | | x | x | | | B | | | |
| Mormon Fk. | C | 21.2 | Mouth | 19,42N,32W | Bates | | | x | x | | | B | | | |
| Morris Br. | C | 1.0 | Mouth | 12,49N,7W | Callaway | | | x | x | | | B | | | |
| Morris Hollow | C | 1.7 | Mouth | 17,22N,16W | Ozark | | | x | x | | | B | | | |
| Moss Br. | C | 2.4 | Mouth | 16,66N,37W | Nodaway | | | x | x | | | B | | | |
| Moss Cr. | P | 13.7 | Mouth | 34,52N,25W | Carroll | | | x | x | | | B | | | |
| Moss Hollow | C | 1.0 | Mouth | Sur | Jefferson | | | x | x | | | B | | | |
| | | | | 1963,42N,5E | | | | | | | | | | | |
| Mossy Cr. | C | 0.2 | Mouth | 07,40N,21W | Benton | | | x | x | | | B | | | |
| Mound Br. | C | 8.9 | Mouth | 13,40N,31W | Bates | | | x | x | | | B | | | |
| Mound Cr. | C | 4.0 | Mouth | 7,56N,23W | Livingston | | | x | x | | | B | | | |
| Mountain Cr. | P | 6.8 | Mouth | 23,35N,17W | Laclede | | | x | x | | | B | | | |
| Mouse Cr. | C | 1.5 | Mouth | 22,47N,32W | Jackson | | | x | x | | | B | | | |
| Mozingo Cr. | C | 5.1 | Mouth | 13,64N,35W | Nodaway | | | x | x | | | B | x | | |
| Mud Cr. | C | 17.5 | Mouth | 20,55N,13W | Monroe | Randolph | | x | x | | | B | | | |
| Mud Cr. | C | 4.3 | Mouth | 22,26N,7E | Butler | | | x | x | | | B | | | |
| Mud Cr. | C | 1.3 | Mouth | 08,34N,04E | St. Francois | | | x | x | | | B | | | |
| Mud Cr. | P | 4.5 | 36,56N,26W | 23,55N,26W | Caldwell | | | x | x | | | B | | | |
| Mud Cr. | C | 6.7 | 23,55N,26W | 18,54N,26W | Caldwell | Ray | | x | x | | | B | | | |
| Mud Cr. | C | 1.5 | Mouth | 6,51N,15W | Howard | | | x | x | | | B | | | |

IRR-LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption
CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|---------------------------|-------|-------|------------|-------------|----------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Mud Cr. | C | 1.5 | Mouth | 5,45N,13W | Cole | | | x | x | | | B | | | |
| Mud Cr. Ditch | P | 3.5 | 28,56N,25W | 36,56N,26W | Livingston | Caldwell | | x | x | | | B | | | |
| Mud Ditch | C | 9.0 | Mouth | 11,23N,15E | New Madrid | | | x | x | | | B | | | |
| Muddy Cr. | C | 2.8 | Mouth | 19,38N,30W | Vernon | Bates | | x | x | | | B | | | |
| Muddy Cr. | C | 3.0 | Mouth | 3017,39N,7E | Jefferson | | | x | x | | | | x | | |
| Muddy Cr. | C | 5.2 | Mouth | 11,65N,37W | Nodaway | | | x | x | | | B | | | |
| Muddy Cr. | C | 6.6 | 31,58N,20W | 05,58N,20W | Linn | | | x | x | | | B | | | |
| Muddy Cr. | C | 3.7 | Mouth | 21,59N,26W | Daviess | | | x | x | | | B | x | | |
| Muddy Cr. | C | 9.7 | Mouth | 27,60N,30W | Daviess | DeKalb | | x | x | | | B | | | |
| Muddy Cr. | P | 42.0 | Mouth | 22,66N,23W | Grundy | Mercer | | x | x | | | B | x | | |
| Muddy Cr. | C | 5.7 | Mouth | 31,58N,20W | Linn | | | x | x | | | B | | | |
| Muddy Cr. | C | 33.1 | Mouth | 14,61N,22W | Livingston | Sullivan | | x | x | | | B | | | |
| Muddy Cr. | P | 62.2 | Mouth | 17,45N,23W | Pettis | | | x | x | | | B | | | |
| Muddy Cr. | C | 10.4 | 17,45N,23W | 34,45N,24W | Pettis | Johnson | | x | x | | | B | x | | |
| Muddy Cr. | C | 9.0 | Mouth | 22,52N,21W | Saline | | | x | x | | | B | | | |
| Muddy Fk. | C | 8.4 | Mouth | 35,54N,31W | Clay | | | x | x | | | B | x | | |
| Muddy Shawnee Cr. | P | 2.5 | 8,33N,13E | 19,33N,13E | Cape Girardeau | | | x | x | | | B | | | |
| Muddy Shawnee Cr. | C | 2.6 | 19,33N,13E | 31,33N,13E | Cape Girardeau | | | x | x | | | B | | | |
| Mulberry Cr. | C | 10.3 | Mouth | 33,41N,33W | Bates | | | x | x | | | B | x | | |
| Mulberry Cr. | C | 5.4 | Mouth | 04,34N,29W | Vernon | | | x | x | | | B | | | |
| Mulkey Cr. | C | 5.0 | Mouth | 28,48N,25W | Johnson | | | x | x | | | B | | | |
| Muncas Cr. | P | 4.0 | Mouth | 4,53N,16W | Chariton | | | x | x | | | B | | | |
| Muncas Cr. | C | 8.8 | 4,53N,16W | 6,54N,15W | Randolph | | | x | x | | | B | | | |
| Murphy Cr. | C | 4.2 | Mouth | 8,36N,14W | Camden | | | x | x | | | B | | | |
| Musco Cr. | P | 1.5 | Mouth | 26,34N,6E | Madison | | | x | x | | | B | | | |
| Musco Cr. | C | 1.2 | 26,34N,6E | 22,34N,6E | Madison | | | x | x | | | | x | | |
| Mussel Fk. | C | 29.0 | 18,58N,17W | 2,62N,18W | Macon | Sullivan | | x | x | | | B | | x | |
| Mussel Fork Cr. | P | 58.0 | Mouth | 18,58N,17W | Chariton | Macon | | x | x | | | B | | | |
| Mutton Hollow | P | 2.5 | Mouth | 13,31N,20W | Greene | | | x | x | | | B | | | |
| Myatt Cr. | C | 12.0 | State Line | 5,22N,7W | Howell | | | x | x | | | B | | | |
| N. Ashley Cr. | P | 0.7 | Mouth | 34,32N,7W | Dent | | | x | x | | | B | | | |
| N. Ashley Cr. | C | 9.9 | Mouth | 34,32N,8W | Dent | Texas | | x | x | | | B | | | |
| N. Blackbird Cr. | C | 18.1 | Mouth | 19,66N,18W | Putnam | | | x | x | | | B | x | | |
| N. Bridges Cr. | C | 4.6 | 17,22N,11W | 2,22N,11W | Ozark | | | x | x | | | B | | | |
| N. Cobb Cr. | P | 6.7 | Mouth | 2,33N,15W | Laclede | | | x | x | | | B | | | |
| N. Deepwater Cr. | C | 5.4 | Mouth | 35,41N,29W | Henry | Bates | | x | x | | | B | | | |
| N. Dry Sac R. | P | 5.1 | Mouth | 22,31N,22W | Polk | Greene | | x | x | | | B | | | |
| N. Dry Sac R. | C | 4.8 | 9,31N,22W | 19,31N,21W | Greene | | | x | x | | | B | | | |
| N. Elkhorn Cr. | P | 4.4 | Mouth | 14,23N,31W | McDonald | | | x | x | | | B | | | |
| N. Fabius R. | P | 92.0 | Mouth | 26,67N,14W | Marion | Schuyler | x | x | x | | | B | x | x | |
| N. Fabius R. | C | 1.0 | 26,67N,14W | State Line | Schuyler | | | x | x | | | B | | | |
| N. Fk. Batts Cr. | C | 1.0 | Mouth | 18,52N,16W | Howard | | | x | x | | | B | | | |
| N. Fk. Beaver Cr. | C | 2.6 | Mouth | 33,30N,12W | Wright | | | x | x | | | B | | | |
| N. Fk. Blackwater R. | C | 12.8 | 12,46N,27W | 12,47N,28W | Johnson | | | x | x | | | B | x | | |
| N. Fk. Bratten Spring Cr. | C | 1.6 | Mouth | 13,22N,14W | Ozark | | | x | x | | | B | | | |
| N. Fk. Buffalo Cr. | P | 2.6 | 20,24N,1E | 18,24N,1E | Ripley | | | x | x | | | B | | | |
| N. Fk. Buffalo Cr. | C | 5.9 | 18,24N,1E | 21,24N,1W | Ripley | | | x | x | | | B | | | |
| N. Fk. Charrette Cr. | C | 6.3 | 24,46N,02W | 34,47N,02W | Warren | | | x | x | | | B | | | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption

CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery
SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|------------------------------|-------|-------|--------------------|--------------------|-------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| N. Fk. Cuivre R. | P | 25.1 | Mouth | 24,51N,3W | Lincoln | Pike | | x | x | | | A | | x | |
| N. Fk. Cuivre R. | C | 10.0 | 24,51N,3W | 28,52N,3W | Pike | | | x | x | | | B | | | |
| N. Fk. Finney Cr. | C | 3.6 | 17,49N,21W | 4,49N,21W | Saline | | | x | x | | | B | | | |
| N. Fk. Fourche a Renault Cr. | C | 2.5 | 23,37N,1E | 30,37N,2E | Washington | | | x | x | | | B | | | |
| N. Fk. Fourche Cr. | P | 3.0 | Mouth | 4,22N,1E | Ripley | | | x | x | | | B | | | |
| N. Fk. Fourche Cr. | C | 5.5 | Hwy. 142 | 19,23N,1E | Ripley | | | x | x | | | B | | | |
| N. Fk. Grindstone Cr. | C | 1.8 | Mouth | 16,48N,12W | Boone | | | x | x | | | B | | x | |
| N. Fk. Hollow | C | 1.5 | Mouth | 7,26N,4E | Butler | | | x | x | | | B | | | |
| N. Fk. Jones Cr. | P | 0.5 | Mouth | 15,41N,03E | Jefferson | | | x | x | | | B | | | |
| N. Fk. M. Fabius R. | C | 28.2 | Mouth | 21,66N,14W | Scotland | Schuyler | | x | x | | | B | | | |
| N. Fk. N. Fabius R. | C | 9.0 | Mouth | 2,66N,13W | Scotland | | | x | x | | | B | | | |
| N. Fk. S. Fabius R. | C | 39.1 | 29,62N,11W | 5,64N,14W | Knox | Schuyler | | x | x | | | B | | | |
| N. Fk. Salt R. | P | 84.9 | Mouth | 2,62N,14W | Monroe | Adair | x | x | x | | | B | | x | x |
| N. Fk. Salt R. | C | 17.2 | 2,62N,14W | 12,64N,15W | Adair | Schuyler | | x | x | | | B | | | |
| N. Fk. Spring Cr. | C | 2.5 | 23,26N,10W | 7,26N,10W | Howell | | | x | x | | | B | | | |
| N. Fk. Spring R. | P | 17.4 | Mouth | 6,29N,32W | Jasper | | | x | x | | | B | | x | |
| N. Fk. Spring R. | C | 55.9 | 6,29N,32W | 20,30N,28W | Jasper | Dade | | x | x | | | B | | x | |
| N. Fk. Web Cr. | P | 1.9 | Mouth | 31,29N,2E | Reynolds | | | x | x | | | B | | | |
| N. Fk. Web Cr. | C | 3.0 | 31,29N,2E | 34,29N,1E | Reynolds | | | x | x | | | B | | | |
| N. Flat Cr. | C | 3.5 | Mouth | 27,44N,23W | Pettis | | | x | x | | | B | | | |
| N. Indian Cr. | P | 5.2 | 24,24N,31W | 36,25N,30W | Newton | | | x | x | | | B | | | |
| N. Linn Cr. | C | 1.7 | Mouth | 36,66N,9W | Clark | | | x | x | | | B | | | |
| N. Moreau Cr. | P | 47.9 | Mouth | 4,44N,16W | Cole | Moniteau | | x | x | | | A | | x | |
| N. Mud Cr. | C | 6.2 | Mouth | 6,55N,26W | Caldwell | | | x | x | | | B | | | |
| N. Pr. Beaverdam Cr. | C | 3.0 | Mouth | 19,25N,4E | Ripley | | | x | x | | | B | | | |
| N. Prong Jacks Fk. | P | 6.8 | 29,28N,7W | 11,28N,8W | Texas | | | x | x | | | B | | | |
| N. Prong Jacks Fk. | C | 7.0 | 11,28N,8W | 25,29N,9W | Texas | | | x | x | | | B | | | |
| N. Prong L. Black R. | P | 3.2 | 9,24N,3E | 32,25N,3E | Ripley | | | x | x | | | B | | | |
| N. Prong L. Black R. | C | 12.2 | 32,25N,3E | 35,26N,2E | Ripley | Carter | | x | x | | | A | | | |
| N. Wyaconda R. | P | 16.9 | 26,65N,9W | 18,66N,10W | Clark | Scotland | | x | x | | | B | | | |
| N. Wyaconda R. | C | 9.2 | 18,66N,10W | 31,67N,11W | Scotland | | | x | x | | | B | | | |
| Nance Cr. | C | 0.5 | Mouth | 15,24N,14W | Ozark | | | x | x | | | B | | | |
| Narrows Cr. | C | 2.6 | Mouth | 7,56N,13W | Macon | | | x | x | | | B | | | |
| Nations Cr. | P | 4.5 | Mouth | 15,34N,9E | Perry | | | x | x | | | B | | | |
| Nations Cr. | C | 2.0 | 15,34N,9E | 8,34N,9E | Perry | | | x | x | | | | | x | |
| Natural Bridge Holl. | C | 1.8 | Mouth | 17,22N,26W | Barry | | | x | x | | | | | x | |
| Naylor Cr. | C | 1.0 | Mouth | 7,51N,34W | Platte | | | x | x | | | B | | | |
| Neals Cr. | C | 3.2 | Mouth | 16,34N,1W | Iron | | | x | x | | | B | | | |
| New #7 Chute | C | 1.6 | 35,23N,16E | 6,22N,17E | Mississippi | | x | x | x | | | B | | | |
| New Franklin Ditch | P | 6.3 | 6,16N,12E | 23,17N,12E | Pemiscot | | | x | x | | | B | | | |
| New Hope Cr. | C | 5.5 | Mouth | 31,54N,30W | Clay | | | x | x | | | B | | | |
| Newtonia Br. | P | 1.4 | Mouth | 1,25N,30W | Newton | | | x | x | | | B | | | |
| Niangua R. | P | 5.7 | Mouth | 19,37N,17W | Camden | | | x | x | | | A | | x | |
| Niangua R. | C | 6.8 | 19,37N,17W | 19,37N,17W | Camden | | | x | x | | | A | | x | |
| Niangua R. | P | 5.0 | Mouth | 2,36N,18W | Camden | | | x | x | | | B | | | |
| Niangua R. | P | 25.0 | Dallas County Line | 11,35N,18W | Dallas | | | x | x | x | | A | | x | |
| Niangua R. | P | 6.0 | 11,35N,18W | Bennett Spring Cr. | Dallas | | | x | x | x | x | A | | x | |

IRR-LWV AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption
CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|--------------------------|-------|-------|-----------------|------------------|-------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Niangua R. | P | 56.0 | Bennett Spr Cr. | 33,32N,18W | Dallas | Webster | | x | x | x | | A | x | | |
| Nichols Cr. | C | 4.6 | Mouth | 17,60N,37W | Holt | | | x | x | | | B | | | |
| Nishnabotna R. | P | 10.2 | Mouth | State Line | Atchison | | x | x | x | | | B | x | x | |
| No Cr. | P | 28.7 | Mouth | 14,62N,23W | Livingston | Grundy | | x | x | | | B | | | |
| No. 13 Elk Chute | C | 2.3 | Mouth | 35,19N,11E | Pemiscot | | | x | x | | | B | | | |
| No. 3 Island Chute | P | 8.3 | 6,25N,18E | 29,25N,18E | Mississippi | | | x | x | | | B | | | |
| Noblett Cr. | P | 2.4 | Mouth | Noblett Lake Dam | Douglas | | | x | x | | | B | | | |
| Noblett Cr. | P | 7.0 | 24,26N,11W | 9,26N,10W | Douglas | Howell | | x | x | | | B | | | |
| Noblett Cr. | C | 1.2 | 9,26N,10W | 3,26N,10W | Howell | | | x | x | | | B | | | |
| Nodaway R. | P | 59.3 | Mouth | State Line | Andrew | Nodaway | x | x | x | | | B | x | | |
| Noix Cr. | P | 1.9 | Mouth | 19,54N,1W | Pike | | | x | x | | | B | | | |
| Noix Cr. | C | 4.6 | 19,54N,1W | 3,53N,2W | Pike | | | x | x | | | B | | | |
| Norborne Drainage Ditch | P | 5.1 | 34,52N,25W | 21,52N,26W | Carroll | Ray | | x | x | | | B | | | |
| Norman Cr. | C | 7.7 | Mouth | 08,36N,06W | Phelps | | | x | x | | | B | | | |
| Norris Cr. | C | 4.0 | Mouth | 33,44N,27W | Henry | | | x | x | | | B | | | |
| North Branch Wilsons Cr. | P | 3.8 | 29,29N,22W | 16,29N,22W | Greene | | | x | x | | | B | | | |
| North Cut Ditch | P | 24.8 | Mouth | 3,28N,14E | New Madrid | Scott | x | x | x | | | B | x | | |
| North Cut Ditch | C | 2.3 | 3,28N,14E | 35,29N,14E | Scott | | x | x | x | | | B | x | | |
| North Fk. | C | 1.5 | Mouth | 16,36N,2E | Washington | | | x | x | | | B | | | |
| North Fork R. | P | 23.9 | Mouth | 2,24N,12W | Ozark | | x | x | x | | x | A | x | | |
| North Fork R. | P | 31.3 | 34,25N,11W | 17,27N,11W | Douglas | | x | x | x | x | | A | x | | |
| North Fork R. | C | 8.0 | 17,27N,11W | 23,28N,12W | Douglas | Texas | | x | x | | | B | | | |
| North R. | C | 8.7 | 26,60N,11W | 13,60N,12W | Knox | | | x | x | | | | x | | |
| North R. | P1 | 4.0 | Mouth | 8,58N,5W | Marion | | | x | x | | | B | x | | |
| North R. | P | 49.0 | 8,58N,5W | 33,59N,10W | Marion | Shelby | | x | x | | | B | x | | |
| North R. | C | 12.8 | 33,59N,10W | 26,60N,11W | Shelby | Knox | | x | x | | | B | x | | |
| Northcut Br. | P | 1.0 | Mouth | 27,39N,1W | Washington | | | x | x | | | B | | | |
| Northcut Br. | C | 1.3 | 27,39N,1W | 34,39N,1W | Washington | | | x | x | | | B | | | |
| Norvey Cr. | C | 9.3 | Mouth | 9,66N,34W | Nodaway | | | x | x | | | B | | | |
| Nulls Cr. | C | 5.8 | Mouth | 15,50N,2W | Lincoln | | | x | x | | | B | | | |
| Off Davis Hollow | C | 3.5 | Mouth | 29,22N,26W | Barry | | | x | x | | | A | | | |
| Old Bland Cr. | C | 2.0 | Mouth | 8,41N,6W | Gasconade | | | x | x | | | B | | | |
| Old Ch. L. Tarkio Cr. | P | 5.3 | Mouth | 22,61N,39W | Holt | | | x | x | | | B | | | |
| Old Ch. L. Tarkio Cr. | C | 8.3 | 22,61N,39W | 20,62N,39W | Holt | | | x | x | | | B | | | |
| Old Ch. Nishnabotna R. | P | 13.7 | 30,64N,41W | 1,65N,42W | Atchison | | | x | x | | | B | | | |
| Old Ch. Nishnabotna R. | C | 3.0 | 1,65N,42W | 25,66N,42W | Atchison | | | x | x | | | B | | | |
| Old Ch. St. Francis R. | P | 4.5 | Mouth | 34,22N,8E | Dunklin | | | x | x | | | B | | | |
| Old Ch. St. Francis R. | C | 8.0 | 32,22N,8E | 15,22N,8E | Dunklin | | | x | x | | | B | | | |
| Old Chan. Chariton R. | C | 14.6 | 34,65N,16W | 34,66N,16W | Putnam | Schuyler | | x | x | | | B | | | |
| Old Chan. Chariton R. | C | 2.0 | Mouth | 32,56N,16W | Chariton | | | x | x | | | B | | | |
| Old Chan. Chariton R. | P | 14.5 | Mouth | 9,52N,18W | Chariton | | | x | x | | | B | | | |
| Old Chan. Chariton R. | C | 11.0 | 9,52N,18W | 29,53N,18W | Chariton | | | x | x | | | B | | | |
| Old Chan. Grand R. | C | 3.1 | 12,58N,27W | 35,59N,27W | Daviess | | | x | x | | | B | | | |
| Old Chan. Grand R. | C | 2.5 | Mouth | 18,57N,24W | Livingston | | | x | x | | | B | | | |
| Old Chan. Grand R. | P | 15.2 | Mouth | 12,58N,26W | Daviess | | | x | x | | | B | | | |
| Old Chan. Grand R. | C | 1.5 | 20,57N,23W | 29,57N,23W | Livingston | | | x | x | | | B | | | |
| Old Chan. Grand R. | C | 5.3 | 7,56N,21W | 2,56N,22W | Livingston | | | x | x | | | B | | | |
| Old Chan. Grand R. | C | 4.0 | 26,57N,23W | 26,57N,23W | Livingston | | | x | x | | | B | | | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption

CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery
SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|------------------------|-------|-------|---------------------|--------------------|----------------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Old Chan. Hubble Cr. | C | 2.9 | Mouth | 11,29N,12E | Scott | Cape Girardeau | | x | x | | | B | | | |
| Old Chan. Little R. | C | 15.4 | 33,20N,11E | 3,20N,12E | Pemiscot | | | x | x | | | B | | | |
| Old Chan. Little R. | P | 47.2 | 26,22N,12E | 2,27N,12E | New Madrid | Scott | | x | x | | | B | | | |
| Old Chan. Little R. | P | 4.3 | 11,27N,12E | 32,28N,12E | Scott | | | x | x | | | B | | | |
| Old Chan. Mud Cr. | P | 3.0 | Mouth | 29,56N,25W | Livingston | | | x | x | | | B | | | |
| Old Chan. Nodaway R. | C | 10.0 | Mouth | 35,62N,37W | Andrew | Holt | | x | x | | | B | | | |
| Old Chan. Nodaway R. | C | 1.2 | Mouth | 11,66N,37W | Nodaway | | | x | x | | | B | | | |
| Old Chan. Nodaway R. | C | 2.0 | Mouth | 1,66N,37W | Nodaway | | | x | x | | | B | | | |
| Old Chan. Nodaway R. | C | 1.5 | Mouth | 23,66N,37W | Nodaway | | | x | x | | | B | | | |
| Old Chan. Nodaway R. | C | 1.0 | Mouth | 27,66N,37W | Nodaway | | | x | x | | | B | | | |
| Old Chan. Nodaway R. | C | 2.5 | 4,65N,37W | 34,66N,37W | Nodaway | | | x | x | | | B | | | |
| Old Chan. Nodaway R. | C | 3.7 | 8,65N,37W | 5,65N,37W | Nodaway | | | x | x | | | B | | | |
| Old Chan. Nodaway R. | C | 2.5 | Mouth | 17,65N,37W | Nodaway | | | x | x | | | B | | | |
| Old Chan. Nodaway R. | C | 2.8 | Mouth | 30,65N,37W | Nodaway | | | x | x | | | B | | | |
| Old Chan. Nodaway R. | C | 1.0 | 1,59N,37W | 1,59N,37W | Holt | Andrew | | x | x | | | B | | | |
| Old Chan. Platte R. | C | 3.4 | Mouth | 16,56N,34W | Buchanan | | | x | x | | | B | | | |
| Old Chan. Platte R. | C | 2.2 | Mouth | 35,57N,34W | Buchanan | | | x | x | | | B | | | |
| Old Chan. Platte R. | C | 4.0 | 21,57N,34W | 4,57N,34W | Buchanan | | | x | x | | | B | | | |
| Old Chan. Platte R. | C | 5.0 | 4,57N,34W | 28,58N,34W | Buchanan | | | x | x | | | B | | | |
| Old Chan. Platte R. | C | 1.0 | 34,57N,34W | 27,57N,34W | Buchanan | | | x | x | | | B | | | |
| Old Chan. Thompson R. | C | 1.2 | 2,61N,25W | 35,62N,25W | Grundy | | | x | x | | | B | | | |
| Old Chan. Thompson R. | C | 2.7 | 32,63N,25W | 29,63N,25W | Grundy | | | x | x | | | B | | | |
| Old Chan. Thompson R. | C | 1.6 | 8,62N,25W | 5,62N,25W | Grundy | | | x | x | | | B | | | |
| Old Chan. Thompson R. | C | 8.4 | 34,62N,25W | 8,62N,25W | Grundy | | | x | x | | | B | | | |
| Old Chan. Thompson R. | C | 3.6 | 9,57N,24W | 4,57N,24W | Livingston | | | x | x | | | B | | | |
| Old Chan. Wakenda Cr. | P | 3.0 | 6,52N,23W | 1,52N,24W | Carroll | | | x | x | | | B | | | |
| Old Chan. Weldon R. | C | 4.0 | Mouth | 20,62N,24W | Grundy | | | x | x | | | B | | | |
| Old Kings Lake Cr | P | 3.2 | Sur 1724, 50N,2E | 35,51N,2E | Lincoln | | | x | x | | | B | | | |
| Old Kings Lake Cr. | PI | 6.2 | Mouth | Sur 1724,50N,2E | Lincoln | | | x | x | | | B | | | |
| Old Kings Lake Cr. | C | 7.3 | 35,51N,2E | 3,51N,2E | Lincoln | | | x | x | | | B | | | |
| Old Mines Cr. | P | 6.6 | Mouth | Sur 3039,38N,2E | Washington | | | x | x | | | A | | | |
| Old Mines Cr. | C | 1.0 | Sur 3039,38N,2E | 3040,38N,2E | Washington | | | x | x | | | B | | | |
| Old R. (Slough Miss.) | P | 9.2 | Mouth | 18,37N,10E | Ste. Genevieve | | | x | x | | | B | | | |
| Old Town Br. | C | 7.3 | Mouth | 14,36N,31W | Vernon | | | x | x | | | B | | | |
| Olive Br. | C | 1.0 | Mouth | 17,46N,20W | Pettis | | | x | x | | | B | | | |
| Omete Cr. | P | 3.5 | Mouth | 15,35N,12E | Perry | | | x | x | | | B | | | |
| Omete Cr. | C | 1.2 | 15,35N,12E | 22,35N,12E | Perry | | | x | x | | | B | | | |
| One Hundred and Two R. | P | 79.7 | Mouth | State Line | Buchanan | Nodaway | x | x | x | | | B | x | x | |
| Open Hollow | C | 0.8 | Mouth | 16,28N,4W | Shannon | | | x | x | | | B | | | |
| Opossum Cr. | C | 2.5 | Mouth | 36,30N,11W | Texas | | | x | x | | | B | | | |
| Opossum Cr. | C | 1.5 | Mouth | 31,40N,3W | Crawford | | | x | x | | | B | | | |
| Opossum Cr. | C | 6.4 | Mouth | 28,30N,30W | Jasper | | | x | x | | | B | | | |
| Opossum Cr. | P | 1.9 | Mouth | 12,30N,9E | Bollinger | | | x | x | | | B | | | |
| Opossum Cr. | C | 2.2 | 12,30N,9E | 11,30N,9E | Bollinger | | | x | x | | | B | | | |
| Osage Fk. | P | 69.0 | Mouth | 26,30N,17W | Laclede | Webster | | x | x | x | | A | x | | |
| Osage R. | P | 81.9 | Mouth | Bagnell Dam | Osage | Miller | x | x | x | | | A | x | | |

IRR-LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption
CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|--------------------|-------|-------|------------|---------------|----------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Osage R. | P | 50.7 | Mouth | 33,38N,30W | St. Clair | Vernon | x | x | x | | | A | x | | |
| Otter Cr. | C | 37.6 | Mouth | 8,56N,12W | Monroe | Shelby | | x | x | | | B | | | |
| Otter Cr. | C | 2.2 | Mouth | 22,24N,16W | Ozark | | | x | x | | | B | | | |
| Otter Cr. | P | 6.0 | Mouth | 18,27N,6E | Wayne | | | x | x | | | B | | | |
| Otter Cr. | C | 18.0 | 18,27N,6E | 18,28N,4E | Wayne | | | x | x | | | B | | | |
| Otter Cr. | C | 2.5 | Mouth | 11,56N,27W | Caldwell | | | x | x | | | B | | | |
| Otter Cr. | C | 3.0 | Mouth | 31,46N,18W | Cooper | | | x | x | | | | x | | |
| Otter Slough Ditch | P | 4.0 | 12,23N,8E | 19,24N,9E | Stoddard | | | x | x | | | B | | | |
| Otter Slough Ditch | P | 7.3 | Mouth | 3,24N,13E | New Madrid | | | x | x | | | B | | | |
| Otter Cr. | P | 6.9 | Mouth | 14,34N,1E | Reynolds | Iron | | x | x | | | B | | | |
| Otter Cr. | C | 1.8 | 14,34N,1E | 12,34N,1E | Iron | | | x | x | | | B | | | |
| Owens Cr. | C | 3.2 | Mouth | 21,43N,32W | Cass | | | x | x | | | B | | | |
| Owens Cr. | C | 3.7 | Mouth | 12,42N,8W | Osage | | | x | x | | | B | | | |
| Owl Cr. | C | 2.0 | Mouth | 11,36N,4E | St. Francois | | | x | x | | | B | | | |
| Owl Cr. | C | 3.3 | Mouth | 27,49N,28W | Lafayette | | | x | x | | | | x | | |
| Owl Cr. | C | 4.8 | Mouth | 24,54N,35W | Platte | | | x | x | | | | | | |
| Owl Cr. | C | 2.0 | Mouth | 3,47N,11W | Callaway | | | x | x | | | | x | | |
| P.D. Cr. | C | 0.1 | Mouth | 28,40N,21W | Benton | | | x | x | | | B | | | |
| Painter Br. | C | 3.2 | Mouth | 33,48N,20W | Pettis | | | x | x | | | B | | | |
| Palmer Cr. | P | 12.2 | Mouth | 9,53N,19W | Chariton | | | x | x | | | B | | | |
| Palmer Cr. | C | 2.8 | 9,53N,19W | 33,54N,19W | Chariton | | | x | x | | | B | | | |
| Panther Cr. | C | 8.0 | Mouth | 15,44N,29W | Johnson | | | x | x | | | B | | | |
| Panther Cr. | C | 12.6 | Mouth | 14,39N,29W | Bates | | | x | x | | | B | x | | |
| Panther Cr. | C | 9.7 | Mouth | 13,35N,24W | St. Clair | Polk | | x | x | | | B | | | |
| Panther Cr. | P | 2.9 | Mouth | 13,32N,17W | Webster | Laclede | | x | x | | | B | | | |
| Panther Cr. | C | 0.5 | 13,32N,17W | 14,32N,17W | Laclede | | | x | x | | | B | | | |
| Panther Cr. | P | 3.1 | Mouth | 36,32N,10E | Cape Girardeau | Bollinger | | x | x | | | B | | | |
| Panther Cr. | C | 1.2 | 36,32N,10E | 2,31N,10E | Bollinger | | | x | x | | | B | | | |
| Panther Cr. | P | 9.3 | Mouth | 29,29N,18W | Webster | | | x | x | | | B | | | |
| Panther Cr. | C | 2.3 | Mouth | 18,28N,11W | Texas | | | x | x | | | B | | | |
| Panther Cr. | C | 4.8 | Mouth | 33,64N,30W | Gentry | | | x | x | | | B | | | |
| Panther Cr. | C | 5.0 | Mouth | 28,57N,26W | Caldwell | | | x | x | | | | x | | |
| Panther Cr. | P | 3.5 | Mouth | 14,64N,26W | Harrison | | | x | x | | | B | | | |
| Panther Cr. | C | 6.8 | 14,64N,26W | 36,65N,27W | Harrison | | | x | x | | | B | | | |
| Panther Hollow | C | 1.5 | Mouth | 3,27N,07W | Howell | | | x | x | | | B | | | |
| Papoose Cr. | C | 0.5 | Mouth | LG 319,40N,2E | Washington | | | x | x | | | B | x | | |
| Paris Br. | C | 3.0 | Mouth | 31,50N,1W | Lincoln | | | x | x | | | | x | | |
| Parker Br. | P | 3.4 | Mouth | 2,39N,32W | Bates | | | x | x | | | B | | | |
| Parker Br. | C | 2.6 | 26,33N,3W | 15,33N,3W | Reynolds | | | x | x | | | B | | | |
| Parker Hollow | P | 2.2 | Mouth | 20,32N,6W | Dent | | | x | x | | x | B | | | |
| Parks Cr. | P | 3.0 | Mouth | 30,32N,15W | Laclede | Wright | | x | x | | | B | | | |
| Parks Cr. | C | 2.4 | 30,32N,15W | 6,31N,15W | Wright | | | x | x | | | B | | | |
| Parson Cr. | P | 15.0 | Mouth | 23,58N,22W | Livingston | Linn | | x | x | | | B | x | | |
| Parson Cr. | C | 14.6 | 23,58N,22W | 31,60N,21W | Linn | | | x | x | | | B | | | |
| Pass Br. | C | 3.2 | Mouth | 3,50N,23W | Saline | | | x | x | | | B | | | |
| Patterson Cr. | C | 1.8 | Mouth | 35,33N,4E | Iron | | | x | x | | | B | | | |
| Patterson Cr. | P | 3.5 | State Line | 11,22N,34W | McDonald | | x | x | x | | | B | | | |
| Patton Br. | C | 5.0 | Mouth | 26,33N,29W | Barton | | | x | x | | | B | | | |
| Pea Ridge Cr. | P | 1.5 | Mouth | 2,29N,22W | Greene | | | x | x | | | B | | x | |
| Peachtree Fk. | P | 2.0 | Mouth | 5,29N,4E | Wayne | | | x | x | | | B | | | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption

CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery
SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|-------------------|-------|-------|----------------|--------------------|----------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Peachtree Fk. | C | 3.2 | 5,29N,4E | 36,30N,3E | Wayne | | | x | x | | | B | | | |
| Pearson Cr. | P | 8.0 | Mouth | 5,29N,20W | Greene | | | x | x | | | A | | | |
| Peavine Cr. | C | 1.7 | Mouth | 11,40N,7W | Maries | | | x | x | | | B | | | |
| Peavine Cr. | C | 3.7 | Mouth | 20,48N,24W | Johnson | | | x | x | | | B | | | |
| Pecaut Hollow | C | 1.5 | Mouth | 19,35N,10E | Perry | | | x | x | | | B | | | |
| Peckout Hollow | C | 1.8 | Mouth | 9,25N,20W | Christian | | | x | x | | | B | | | |
| Peddler Cr. | P | 1.5 | Mouth | 28,64N,31W | Gentry | | | x | x | | | B | | | |
| Peddler Cr. | C | 3.0 | 28,64N,31W | 16,64N,31W | Gentry | | | x | x | | | B | x | | |
| Pedelo Cr. | P | 0.5 | Mouth | 7,27N,19W | Christian | | | x | x | | | B | | | |
| Pedelo Cr. | C | 1.0 | 7,27N,19W | 6,27N,19W | Christian | | | x | x | | | B | | | |
| Pedlar Cr. | C | 5.4 | Mouth | 23,61N,36W | Andrew | | | x | x | | | B | | | |
| Peers Slough | C | 3.0 | Mouth | 27,45N,2W | Warren | | | x | x | | | B | | | |
| Peggy Br. | P | 1.3 | Mouth | 32,43N,7W | Osage | | | x | x | | | B | | | |
| Peggy Br. | C | 0.5 | 32,43N,7W | 5,42N,7W | Osage | | | x | x | | | B | | | |
| Peno Cr. | C | 14.4 | Mouth | 32,54N,3W | Pike | | | x | x | x | | B | | | |
| Pepper Cr. | C | 2.8 | Mouth | 33,44N,23W | Pettis | | | x | x | | | B | | | |
| Perche Cr. | C | 23.7 | 5,49N,13W | 19,52N,13W | Boone | Randolph | | x | x | | | A | x | | |
| Perche Cr. | P1 | 11.3 | Mouth | 29,48N,13W | Boone | | | x | x | | | B | x | | |
| Perche Cr. | P | 17.5 | 29,48N,13W | 5,49N,13W | Boone | | | x | x | | | B | x | | |
| Perkins Br. | P | 1.5 | Mouth | 12,27N,6E | Wayne | | | x | x | | | B | | | |
| Perkins Cr. | C | 3.0 | 36,30N,8E | 24,30N,8E | Bollinger | | | x | x | | | B | | | |
| Perkins Cr. | P | 8.5 | Mouth | 36,30N,8E | Bollinger | | | x | x | | | B | | | |
| Peruque Cr. | P1 | 9.6 | Mouth | 9,47N,3E | St. Charles | | | x | x | | | B | x | | |
| Peruque Cr. | P | 10.3 | 9,47N,3E | Lake St. Louis Dam | St. Charles | | | x | x | | | B | x | | |
| Peruque Cr. | P | 4.0 | Mouth | 25,47N,1E | St. Charles | | | x | x | | | B | x | | |
| Peruque Cr. | C | 10.9 | 25,47N,1E | 23,47N,1W | St. Charles | Warren | | x | x | | | B | x | | |
| Peters Br. | C | 1.5 | Mouth | 13,29N,5E | Wayne | | | x | x | | | B | | | |
| Peters Cr. | C | 3.5 | Mouth | 22,29N,8W | Texas | | | x | x | | | B | | | |
| Peters Cr. | C | 1.0 | Mouth | 36,32N,6E | Madison | | | x | x | | | B | | | |
| Petite Saline Cr. | P | 21.0 | Mouth | 24,48N,17W | Moniteau | Cooper | | x | x | | | A | x | | |
| Petite Saline Cr. | C | 28.0 | 24,48N,17W | 26,46N,18W | Cooper | | | x | x | | | B | x | | |
| Pettis Cr. | C | 5.3 | Mouth | 9,31N,30W | Barton | | | x | x | | | B | | | |
| Pickereel Cr. | P | 3.3 | Mouth | 26,29N,24W | Greene | | | x | x | | | B | | | |
| Pickereel Cr. | C | 0.5 | 26,29N,24W | 26,29N,24W | Greene | | | x | x | | | | x | | |
| Pickle Cr. | P | 7.8 | Mouth | 19,36N,7E | Ste. Genevieve | | | x | x | | | B | | | |
| Pierce Cr. | P | 2.4 | Mouth | 19,41N,2E | Franklin | | | x | x | | | B | | | |
| Pierce Cr. | C | 2.8 | 19,41N,2E | 31,41N,2E | Franklin | | | x | x | | | B | | | |
| Pierre Fleche Cr. | C | 5.5 | Mouth | 15,50N,19W | Saline | | | x | x | | | B | | | |
| Pigeon Cr. | C | 1.2 | State Line | 11,21N,13W | Ozark | | | x | x | | | B | | | |
| Pigeon Cr. | P | 7.6 | Montauk Spring | 8,32N,7W | Dent | | | x | x | | | A | | | |
| Pigeon Cr. | C | 7.7 | 8,32N,7W | 34,33N,8W | Dent | Texas | | x | x | | | B | | | |
| Pigeon Cr. | C | 7.2 | Mouth | 15,56N,35W | Buchanan | | | x | x | | | B | | | |
| Pigeon Roost Cr. | C | 0.5 | Mouth | 18,54N,7W | Monroe | | | x | x | | | B | | | |
| Pike Cr. | P | 3.8 | Mouth | 34,27N,1W | Carter | | | x | x | x | | B | | | |
| Pike Cr. | C | 25.6 | 34,27N,1W | 27,27N,3W | Carter | Shannon | | x | x | | | | x | | |
| Pike Cr. | C | 6.0 | 15,24N,6E | 30,25N,6E | Butler | | x | x | x | | | | x | | |
| Pike Cr. | C | 5.0 | 18,22N,6E | 33,23N,6E | Butler | | x | x | x | | | B | | | |
| Pike Cr. Ditch | C | 4.0 | State Line | 18,22N,6E | Butler | | x | x | x | | | B | | | |
| Pike Run | P | 1.8 | Mouth | 32,38N,05E | St. Francois | | | x | x | | | B | | | |

IRR-LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption
CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|---------------------|-------|-------|------------|--------------------|--------------|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Pike Run | C | 0.9 | 32,38N,05E | 28,38N,05E | St. Francois | | | x | x | | | B | | | |
| Pike Slough | C | 6.4 | Mouth | 28,24N,6E | Butler | | | x | x | | | | x | | |
| Pilot Br. | C | 1.0 | Mouth | 10,44N,16W | Moniteau | | | x | x | | | B | | | |
| Pilot Grove Cr. | C | 5.4 | Mouth | 11,60N,27W | Daviess | | | x | x | | | B | | | |
| Pin Oak Cr. | P | 1.3 | Mouth | 7,43N,6W | Gasconade | | | x | x | | | B | | | |
| Pin Oak Cr. | C | 1.8 | 17,43N,6W | Hwy. 50 | Gasconade | | | x | x | | | B | | | |
| Pin Oak Cr. | C | 2.0 | Mouth | 3,44N,3W | Franklin | | | x | x | | | B | | | |
| Pin Oak Cr. | C | 3.0 | Mouth | 03,42N,04W | Franklin | | | x | x | | | B | | | |
| Pin Oak Cr. | C | 1.6 | Mouth | 11,39N,07W | Maries | | | x | x | | | B | | | |
| Pin Oak Cr. | C | 3.0 | Mouth | 3,45N,28W | Johnson | | | x | x | | | B | x | | |
| Pine Br. | C | 3.6 | Mouth | 01,28N,08W | Texas | | | x | x | | | B | | | |
| Pine Cr. | P | 1.5 | Mouth | 30,23N,12W | Ozark | | | x | x | | | B | | | |
| Pine Cr. | C | 8.6 | 30,23N,12W | 2,23N,13W | Ozark | | | x | x | | | B | | | |
| Pine Cr. | C | 1.0 | 5,27N,9W | 6,27N,9W | Howell | | | x | x | | | B | | | |
| Pine Cr. | P | 9.5 | Mouth | 5,27N,9W | Texas | Howell | | x | x | | | B | | | |
| Pine Hollow | C | 4.0 | Mouth | 25,28N,5W | Shannon | | | x | x | | | B | | | |
| Pine Run | C | 5.1 | Mouth | 26,25N,24W | Stone | | | x | x | | | B | | | |
| Pine Valley Cr. | C | 6.9 | Mouth | 13,28N,1W | Carter | Reynolds | | x | x | | | B | | | |
| Pinery Cr. | C | 0.8 | Mouth | 21,39N,1E | Washington | | | x | x | | | B | | | |
| Pinery Cr. | C | 1.0 | Mouth | 36,40N,1E | Washington | | | x | x | | | B | | | |
| Piney Br. | C | 1.2 | Mouth | 25,36N,1W | Washington | | | x | x | | | B | | | |
| Piney Cr. | C | 2.8 | Mouth | 22,23N,25W | Stone | Barry | | x | x | | | B | | | |
| Piney Cr. | C | 10.5 | Mouth | Hwy. 160 | Oregon | | | x | x | | | | x | | |
| Piney Cr. | C | 1.5 | Mouth | 7,33N,6E | Madison | | | x | x | | | B | | | |
| Piper Cr. | P | 5.3 | Mouth | 31,34N,22W | Polk | | | x | x | | | B | | | |
| Pipes Br. | C | 2.0 | Mouth | 16,49N,15W | Howard | | | x | x | | | B | | | |
| Pippin Br. | P | 3.0 | 26,37N,20W | 28,37N,20W | Hickory | | | x | x | | | B | | | |
| Pippin Br. | P | 1.0 | Mouth | 26,37N,20W | Hickory | | | x | x | | | B | | | |
| Platte R. | P | 142.4 | Mouth | State Line | Platte | Worth | x | x | x | | | B | x | x | |
| Plattin Cr. | P | 19.9 | Mouth | 01,38N,05E | Jefferson | St. Francois | | x | x | | | A | x | | x |
| Plattin Cr. | C | 3.5 | 31,39N,06E | 8,38N,06E | Jefferson | St. Francois | | x | x | | | B | | | |
| Pleasant Run Cr. | C | 7.6 | Mouth | 28,34N,31W | Vernon | | | x | x | | | B | | | |
| Pleasant Valley Cr. | P | 3.2 | Mouth | 14,39N,5W | Crawford | | | x | x | | | B | | | |
| Pleasant Valley Cr. | C | 1.7 | 14,39N,5W | 24,39N,5W | Crawford | | | x | x | | | B | | | |
| Plum Cr. | C | 1.8 | Mouth | 2,33N,6E | Madison | | | x | x | | | B | | | |
| Pogue Cr. | C | 2.5 | Mouth | 32,24N,28W | Barry | | | x | x | | | B | | | |
| Pointers Cr. | C | 1.0 | Mouth | 31,43N,7W | Osage | | | x | x | | | B | x | | |
| Pole Cat Slough | P | 12.6 | Mouth | 2,18N,9E | Dunklin | | | x | x | | | B | | | |
| Pole Hollow | P | 4.3 | Mouth | 25,42N,20W | Benton | | | x | x | | | B | | | |
| Polecat Cr. | C | 4.0 | Mouth | 13,34N,26W | Cedar | | | x | x | | | | x | | |
| Polecat Cr. | C | 11.1 | Mouth | Hwy. 136 | Harrison | | | x | x | | | B | | | |
| Pomme Cr. | P | 1.8 | Mouth | 2991,43N,06E | Sur | Jefferson | | x | x | | | B | | | |
| Pomme de Terre R. | P | 21.8 | Mouth | Pomme de Terre Dam | Hickory | | | x | x | x | | A | x | | |
| Pomme de Terre R. | P | 69.1 | Mouth | 8,30N,18W | Polk | Webster | | x | x | | | A | x | | |
| Pond Cr. | P | 4.0 | Mouth | 5,28N,23W | Greene | | | x | x | | | B | | | |
| Pond Cr. | P | 1.3 | Mouth | 35,38N,3E | Washington | | | x | x | | | B | | | |
| Pond Cr. | C | 1.0 | Mouth | 3,37N,3E | Washington | | | x | x | | | B | | | |
| Pond Cr. | C | 3.0 | Mouth | 30,30N,33W | Jasper | | | x | x | | | B | | | |

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption
CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery
SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|--------------------|-------|-------|------------|----------------|--------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Pond Cr. | P | 4.4 | Mouth | 11,29N,8E | Bollinger | | | x | x | | | B | | | |
| Pond Cr. | C | 2.0 | 11,29N,8E | 3,29N,8E | Bollinger | | | x | x | | | B | | | |
| Pond Fk. | P | 4.2 | Mouth | 23,23N,16W | Ozark | | | x | x | | | B | | | |
| Pond Fk. | C | 6.3 | 23,23N,16W | Taney Co. Line | Ozark | | | x | x | | | B | | | |
| Pond Spring Br. | P | 2.6 | Mouth | 15,30N,08W | Texas | | | x | x | | | B | | | |
| Poney Cr. | P | 3.9 | Mouth | 13,44N,33W | Cass | | | x | x | | | B | | | |
| Poney Cr. | C | 8.3 | 13,44N,33W | State Line | Cass | | | x | x | | | B | | | |
| Poor Br. | C | 3.0 | Mouth | 13,48N,3W | Montgomery | | | x | x | | | B | | | |
| Possum Hollow | C | 1.0 | Mouth | 12,38N,17W | Camden | | | x | x | | | B | | | |
| Possum Hollow | P | 1.4 | 28,27N,7E | 22,27N,7E | Wayne | | | x | x | | | B | | | |
| Possum Hollow | C | 1.0 | 22,27N,7E | 16,27N,7E | Wayne | | | x | x | | | B | | | |
| Possum Trot Hollow | P | 2.0 | Mouth | 16,35N,2W | Crawford | | | x | x | | | B | | | |
| Possum Trot Hollow | C | 1.0 | 16,35N,2W | 21,35N,2W | Crawford | | | x | x | | | B | | | |
| Possum Walk Cr. | C | 4.2 | Mouth | 18,21N,13W | Ozark | | | x | x | | | B | | | |
| Post Oak Cr. | P | 3.3 | Mouth | 22,46N,26W | Johnson | | | x | x | | | B | x | | |
| Potters Cr. | P | 4.4 | Mouth | 16,28N,10W | Texas | | | x | x | | | B | | | |
| Potters Cr. | C | 1.4 | 16,28N,10W | 22,28N,10W | Texas | | | x | x | | | B | | | |
| Prairie Cr. | C | 1.5 | Mouth | 1,39N,5W | Crawford | | | x | x | | | B | | | |
| Prairie Cr. | C | 4.3 | Mouth | 3,27N,15W | Douglas | | | x | x | | | B | | | |
| Prairie Cr. | C | 3.7 | Mouth | 12,52N,35W | Platte | | | x | x | | | B | | | |
| Prairie Cr. | C | 3.5 | Mouth | 35,39N,22W | Benton | | | x | x | | | B | | | |
| Prairie Cr. | C | 2.0 | Mouth | 36,39N,11W | Maries | | | x | x | | | B | | | |
| Prairie Cr. | C | 4.1 | Mouth | 04,32N,12W | Texas | Laclede | | x | x | | | B | | | |
| Prairie Fk. | P | 2.9 | Mouth | 8,47N,6W | Montgomery | | | x | x | | | B | | | |
| Prairie Fk. | C | 5.0 | 8,47N,6W | 10,47N,7W | Montgomery | Callaway | | x | x | | | B | | | |
| Prairie Fk. | C | 0.8 | Mouth | 21,44N,3W | Franklin | | | x | x | | | B | | | |
| Prairie Fk. | C | 3.9 | Mouth | 20,46N,9W | Callaway | | | x | x | | | B | | | |
| Prairie Hollow | P | 6.8 | Mouth | 04,37N,18W | Camden | | | x | x | | | B | | | |
| Prairie Run Hollow | C | 1.0 | Mouth | 25,25N,27W | Barry | | | x | x | | | B | | | |
| Price Br. | C | 3.0 | Mouth | 34,34N,25W | Cedar | | | x | x | | | B | | | |
| Price Cr. | C | 1.7 | Mouth | 27,40N,6W | Gasconade | | | x | x | | | B | | | |
| Prime Cr. | C | 2.2 | Mouth | 31,46N,9W | Callaway | | | x | x | | | B | | | |
| Primrose Cr. | C | 2.0 | Mouth | 22,38N,4E | St. Francois | | | x | x | | | B | | | |
| Profits Cr. | C | 2.0 | Mouth | 24,42N,12W | Cole | | | x | x | | | B | | | |
| Province Br. | P | 1.2 | Mouth | 2,29N,25W | Lawrence | | | x | x | | | B | | | |
| Pruett Cr. | P | 1.7 | Mouth | 16,38N,5W | Crawford | | | x | x | | | B | | | |
| Pruett Cr. | C | 1.2 | 16,38N,5W | 9,38N,5W | Crawford | | | x | x | | | B | | | |
| Pryor Cr. | C | 3.2 | Mouth | 08,37N,32W | Vernon | | | x | x | | | B | | | |
| Pucket Br. | C | 1.2 | Mouth | 12,38N,1E | Washington | | | x | x | | | B | | | |
| Pump Hollow | C | 2.0 | Mouth | 16,40N,2W | Crawford | | | x | x | | | B | x | | |
| Punch Cr. | C | 1.3 | Mouth | 6,31N,9E | Bollinger | | | x | x | | | B | | | |
| Puncheon Cr. | C | 2.9 | Mouth | 36,44N,6W | Gasconade | | | x | x | | | B | | | |
| Purcett Br. | C | 3.2 | Mouth | 05,35N,25W | St. Clair | Cedar | | x | x | | | B | | | |
| Puzzle Cr. | C | 12.5 | Mouth | 25,57N,17W | Chariton | Macon | | x | x | | | B | | | |
| Pyatt Hollow | C | 2.0 | Mouth | 13,36N,3W | Crawford | | | x | x | | | B | | | |
| Quick Cr. | P1 | 1.8 | Mouth | Sur | Montgomery | | | x | x | | | B | | | |
| Quick Cr. | C | 2.0 | Sur | 2658,46N,5W | Montgomery | | | x | x | | | B | x | | |
| Rabbit Hollow | C | 1.5 | Mouth | 14,38N,1E | Washington | | | x | x | | | B | | | |

IRR-LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption

CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery
SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|-----------------------|-------|-------|-----------------|------------------------|----------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Raccoon Cr. | C | 3.7 | Mouth | 5,61N,25W | Grundy | | | x | x | | | B | | x | |
| Raccoon Hollow | C | 1.0 | Mouth | 16,24N,11W | Ozark | | | x | x | | | B | | | |
| Race Cr. | P | 0.5 | Mouth | 21,37N,1E | Washington | | | x | x | | | B | | | |
| Ragan Br. | C | 4.3 | Mouth | 20,36N,07W | Phelps | | | x | x | | | B | | | |
| Railey Cr. | C | 7.4 | Mouth | Reeds Spring | Stone | | | x | x | | | B | | | |
| Rainy Cr. | P | 2.5 | Mouth | 7,39N,19W | Camden | | | x | x | | | A | | x | |
| Rainy Cr. | C | 1.5 | 7,39N,19W | 13,39N,20W | Camden | Benton | | x | x | | | | | x | |
| Ramsey Br. | P | 6.5 | Mouth | 33,31N,13E | Cape Girardeau | | | x | x | | | B | | x | |
| Ramsey Br. | C | 1.0 | 33,31N,13E | 28,31N,13E | Cape Girardeau | | | x | x | | | B | | | |
| Ramsey Cr. | C | 8.9 | Mouth | Sur 1709(9), 52N,1E | Pike | | | x | x | | | B | | | |
| Ramsey Cr. | P | 6.3 | Mouth | 20,29N,14E | Scott | | | x | x | | | B | | | |
| Ramsey Cr. Div. Chan. | P | 3.0 | Mouth | 1,29N,13E | Scott | | | x | x | | | B | | | |
| Rattlesnake Cr. | C | 3.0 | Mouth | 3,56N,25W | Livingston | | | x | x | | | B | | | |
| Red Oak Cr. | P | 5.2 | Mouth | 28,42N,4W | Franklin | Gasconade | | x | x | | | B | | | |
| Red Oak Cr. | C | 10.0 | 28,42N,4W | 16,41N,5W | Gasconade | | | x | x | | | B | | | |
| Reed Cr. | C | 2.7 | Mouth | 11,37N,32W | Vernon | | | x | x | | | B | | | |
| Reese Fk. | C | 7.0 | Mouth | 28,53N,12W | Monroe | | | x | x | | | B | | x | |
| Reid Cr. | C | 2.6 | Mouth | 5,38N,27W | St. Clair | | | x | x | | | B | | | |
| Reid Cr. | C | 2.0 | Mouth | Sur 1812,51N,2W | Lincoln | | | x | x | | | B | | | |
| Reid Cr. | C | 2.3 | Mouth | Sur 3093,35N,3E | Washington | Iron | | x | x | | | | | x | |
| Reisobel Br. | C | 1.2 | Mouth | 21,40N,6W | Gasconade | | | x | x | | | B | | | |
| Renfro Cr. | C | 1.5 | Mouth | 14,49N,11W | Callaway | | | x | x | | | B | | | |
| Richland Cr. | C | 0.5 | Mouth | 6,44N,6W | Gasconade | | | x | x | | | B | | | |
| Richland Cr. | C | 4.3 | Mouth | 29,48N,9W | Callaway | | | x | x | | | B | | x | |
| Richland Cr. | P | 5.1 | Mouth | Hwy. 87 | Howard | | | x | x | | | B | | | |
| Richland Cr. | C | 2.0 | Hwy. 87 | 16,50N,17W | Howard | | | x | x | | | B | | | |
| Richland Cr. | P | 8.7 | 13,45N,19W | 17,44N,18W | Morgan | | | x | x | | | A | | x | |
| Richland Cr. | C | 10.0 | 17,44N,18W | 22,43N,18W | Morgan | | | x | x | | | A | | x | |
| Ricky Cr. | C | 7.8 | Mouth | 14,39N,28W | St. Clair | | | x | x | | | B | | | |
| Riggin Br. | C | 1.9 | Mouth | 21,60N,35W | Andrew | | | x | x | | | B | | | |
| Rings Cr. | P | 5.2 | Mouth | 23,29N,4E | Wayne | | | x | x | | | A | | | |
| Rings Cr. | C | 1.1 | 23,29N,4E | 27,29N,4E | Wayne | | | x | x | | | B | | | |
| Rippee Cr. | P | 4.5 | Mouth | 13,25N,15W | Douglas | | | x | x | | | B | | | |
| Rippee Cr. | C | 2.0 | 13,25N,15W | 14,25N,15W | Douglas | | | x | x | | | B | | | |
| Rising Cr. | P | 1.2 | Mouth | Sur 5616,44N,10W | Cole | | | x | x | | | B | | | |
| Rising Cr. | C | 4.4 | 19,44N,10W | 36,44N,11W | Cole | | | x | x | | | B | | x | |
| Rivaux Cr. | P1 | 2.2 | Mouth | 21,44N,10W | Callaway | | | x | x | | | B | | | |
| Rivaux Cr. | C | 3.5 | 21,44N,10W | 8,44N,10W | Callaway | | | x | x | | | B | | | |
| River aux Vases | P | 21.6 | Mouth | 12,36N,7E | Ste. Genevieve | | | x | x | | | A | | | |
| River aux Vases | C | 7.1 | 12,36N,7E | 27,36N,7E | Ste. Genevieve | | | x | x | | | B | | | |
| River des Peres | P | 2.6 | Mouth | Sur 1339,44N,6E | St. Louis City | | | x | x | | | | | x | |
| River des Peres | P | 3.7 | Sur 1339,44N,6E | Sur 2037,45N,6E | St. Louis City | | | x | x | | | | | x | |
| Roach Lake Cr. | C | 0.7 | Mouth | 30,57N,24W | Livingston | | | x | x | | | B | | | |
| Roaring R. | P | 6.5 | Mouth | 27,22N,27W | Barry | | | x | x | | x | A | | x | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption

CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery
SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|-----------------|-------|-------|------------|-------------|------------|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Roaring Springs | P | 0.1 | Mouth | 35,33N,10W | Texas | | | x | x | | | B | | | |
| Roark Br. | C | 1.3 | Mouth | 23,43N,14W | Cole | | | x | x | | | B | | x | |
| Roark Cr. | C | 2.7 | Mouth | 36,23N,22W | Taney | | | x | x | | x | A | | x | |
| Roark Cr. | C | 4.0 | 36,23N,22W | 15,23N,22W | Taney | | | x | x | | | A | | x | |
| Roberts Br. | C | 2.0 | Mouth | 5,54N,32W | Clinton | | | x | x | | | B | | | |
| Robinson Br. | C | 2.0 | Mouth | 30,36N,29W | Vernon | | | x | x | | | B | | | |
| Robinson Creek | P | 3.1 | Mouth | Hwy B | Phelps | | | x | x | | | B | | | |
| Rock Br. | C | 3.1 | Mouth | 25,36N,3W | Crawford | | | x | x | | | B | | | |
| Rock Br. | P | 2.0 | State Line | 12,26N,34W | Newton | | | x | x | | | B | | | |
| Rock Cr. | C | 1.0 | Mouth | 19,43N,11W | Cole | | | x | x | | | A | | x | |
| Rock Cr. | C | 3.0 | Mouth | 24,33N,12W | Texas | | | x | x | | | B | | | |
| Rock Cr. | P | 5.8 | Mouth | Sur | Jefferson | | | x | x | | | B | | x | |
| Rock Cr. | C | 3.0 | Sur | 2970,42N,5E | Jefferson | | | x | x | | | A | | x | |
| Rock Cr. | P | 2.2 | Mouth | 30,64N,41W | Atchison | | | x | x | | | B | | | |
| Rock Cr. | C | 19.0 | 30,64N,41W | 17,66N,40W | Atchison | | | x | x | | | B | | | |
| Rock Cr. | P | 2.6 | 36,22N,26W | 24,22N,26W | Barry | | | x | x | | | B | | | |
| Rock Cr. | C | 4.6 | 24,22N,26W | 8,22N,26W | Barry | | | x | x | | | B | | | |
| Rock Cr. | P | 0.8 | Mouth | 19,34N,7E | Madison | | | x | x | | | B | | | |
| Rock Cr. | C | 2.0 | Mouth | 9,34N,7E | Madison | St. Francois | | x | x | | | B | | | |
| Rock Cr. | P | 2.9 | Mouth | 16,33N,5E | Madison | | | x | x | | | B | | | |
| Rock Cr. | C | 1.1 | 16,33N,5E | 17,33N,5E | Madison | | | x | x | | | B | | | |
| Rock Cr. | C | 3.4 | Mouth | 31,53N,31W | Clay | | | x | x | | | B | | | |
| Rock Cr. | C | 4.8 | Mouth | 34,62N,12W | Knox | | | x | x | | | B | | | |
| Rock Cr. | P | 0.5 | Mouth | 9,45N,13W | Cole | | | x | x | | | B | | | |
| Rock Cr. | C | 4.0 | 9,45N,13W | 18,45N,13W | Cole | | | x | x | | | B | | x | |
| Rock Enon Cr. | C | 3.3 | Mouth | 14,43N,15W | Moniteau | | | x | x | | | B | | | |
| Rockhouse Cr. | P | 2.8 | Mouth | 14,23N,26W | Barry | | | x | x | | | B | | | |
| Rockhouse Cr. | C | 4.3 | 14,23N,26W | 28,23N,26W | Barry | | | x | x | | | B | | | |
| Rocky Br. | C | 3.2 | Mouth | 11,52N,33W | Clay | | | x | x | | | B | | | |
| Rocky Br. | C | 1.6 | Mouth | 10,32N,10W | Texas | | | x | x | | | | | x | |
| Rocky Br. | C | 0.4 | Mouth | 23,39N,02E | Washington | | | x | x | | | B | | | |
| Rocky Br. | C | 1.7 | Mouth | 16,43N,16W | Moniteau | | | x | x | | | B | | | |
| Rocky Cr. | P | 2.4 | Mouth | 6,28N,2W | Shannon | | | x | x | | | B | | | |
| Rocky Cr. | C | 2.7 | Mouth | 7,28N,8E | Wayne | Bollinger | | x | x | | | B | | | |
| Rocky Fk. | C | 11.3 | Mouth | 36,50N,13W | Boone | | | x | x | | | B | | | |
| Rocky Fk. | C | 0.1 | Mouth | 04,35N,01W | Washington | | | x | x | | | B | | | |
| Rocky Fk. | C | 4.0 | Mouth | 19,53N,28W | Ray | | | x | x | | | B | | | |
| Rocky Ford. Cr. | P | 3.0 | Mouth | 21,42N,18W | Morgan | | | x | x | | | B | | | |
| Rocky Hollow | C | 1.2 | Mouth | 08,35N,29W | Vernon | | | x | x | | | B | | | |
| Rodgers Cr. | C | 1.0 | Mouth | 7,39N,10W | Maries | | | x | x | | | B | | | |
| Rogers Cr. | C | 9.6 | Mouth | 28,28N,02W | Carter | | | x | x | | | A | | | |
| Rollins Cr. | C | 1.3 | Mouth | 16,38N,14W | Miller | | | x | x | | | B | | | |
| Rollins Cr. | C | 7.0 | Mouth | 13,51N,29W | Ray | | | x | x | | | | | x | |
| Ross Cr. | P | 3.0 | Mouth | 13,41N,21W | Benton | | | x | x | | | B | | | |
| Roth Cr. | C | 1.8 | Mouth | 07,42N,01W | Franklin | | | x | x | | | B | | | |
| Roubidoux Cr. | P | 4.0 | Mouth | 25,36N,12W | Pulaski | | | x | x | | x | A | | x | |
| Roubidoux Cr. | C | 22.9 | 25,36N,12W | 11,34N,12W | Pulaski | | | x | x | x | | A | | x | |
| Roubidoux Cr. | P | 30.5 | 11,34N,12W | 4,31N,11W | Pulaski | Texas | | x | x | x | | A | | x | |

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption

CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|---------------------------|-------|-------|------------|------------------|----------------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Rubeneau Br. | C | 1.8 | Mouth | Sur | Washington | | | x | x | | | | | | |
| | | | | 2115,37N,3E | | | | | | | | | | | |
| Rush Cr. | P | 4.5 | Mouth | 22,51N,34W | Platte | | | x | x | | | B | | | |
| Rush Cr. | P | 8.2 | Mouth | 5,51N,31W | Clay | | | x | x | | | A | | | |
| Rutledge Run | C | 2.2 | Mouth | 15,35N,2E | Washington | | | x | x | | | B | | | |
| Rye Cr. | P | 2.8 | Mouth | 23,41N,1E | Franklin | | | x | x | | | B | | | |
| Rye Cr. | C | 1.0 | 23,41N,1E | 26,41N,1E | Franklin | | | x | x | | | B | | | |
| S. Ashley Cr. | P | 5.0 | Mouth | 8,31N,7W | Dent | Texas | | x | x | | | B | | | |
| S. Ashley Cr. | C | 2.0 | 9,31N,7W | 18,31N,7W | Texas | | | x | x | | | B | | | |
| S. Big Cr. | C | 5.6 | Mouth | Lake Viking Dam | Daviess | | | x | x | | | B | | | |
| S. Blackbird Cr. | C | 13.0 | Mouth | 18,65N,18W | Putnam | | | x | x | | | B | | | |
| S. Bridges Cr. | C | 4.0 | Mouth | 13,22N,11W | Ozark | | | x | x | | | B | | | |
| S. Brush Cr. | C | 2.0 | Mouth | 12,53N,9W | Monroe | | | x | x | | | B | | | |
| S. Davis Cr. | C | 4.6 | Mouth | 22,48N,27W | Lafayette | | | x | x | | | B | | | |
| S. Deepwater Cr. | C | 11.9 | Mouth | 20,40N,29W | Bates | | | x | x | | | B | | | |
| S. Dry Sac R. | P | 2.0 | Mouth | 3,29N,22W | Greene | | | x | x | | | B | | | |
| S. Dry Sac R. | C | 4.2 | 3,29N,22W | 5,29N,21W | Greene | | | x | x | | | A | x | | |
| S. Fabius R. | P | 80.6 | Mouth | 29,62N,11W | Marion | Knox | x | x | x | | | B | | | |
| S. Fk. Apple Cr. | P | 5.5 | Mouth | 34,34N,10E | Cape Girardeau | Perry | | x | x | | | B | | | |
| S. Fk. Apple Cr. | C | 1.0 | 34,34N,10E | 4,33N,10E | Perry | | | x | x | | | B | | | |
| S. Fk. Blackwater R. | P | 5.7 | Mouth | 19,46N,27W | Johnson | | | x | x | | | B | | | |
| S. Fk. Blackwater R. | C | 15.1 | 19,46N,27W | 30,47N,28W | Johnson | | | x | x | | | B | x | | |
| S. Fk. Bratten Spring Cr. | C | 1.8 | Mouth | 19,22N,14W | Ozark | | | x | x | | | B | | | |
| S. Fk. Brush Cr. | C | 5.5 | Mouth | 03,34N,24W | Polk | | | x | x | | | B | | | |
| S. Fk. Buffalo Cr. | P | 2.0 | Mouth | 30,24N,1E | Ripley | | | x | x | x | | B | | | |
| S. Fk. Buffalo Cr. | C | 4.7 | 30,24N,1E | 34,24N,1W | Ripley | | | x | x | x | | B | | | |
| S. Fk. Capps Cr. | C | 4.3 | Mouth | 27,25N,28W | Barry | | | x | x | | | B | x | | |
| S. Fk. Clear Cr. | C | 6.0 | Mouth | 21,65N,36W | Nodaway | | | x | x | | | B | | | |
| S. Fk. Gees Cr. | C | 2.8 | Mouth | 2,59N,25W | Livingston | | | x | x | | | B | | | |
| S. Fk. Isle Du Bois Cr. | C | 4.0 | Mouth | 36,39N,6E | Ste. Genevieve | | | x | x | | | A | x | | |
| S. Fk. Jonca Cr. | C | 2.0 | 8,36N,7E | 18,36N,7E | Ste. Genevieve | | | x | x | | | B | | | |
| S. Fk. M. Fabius R. | P | 14.8 | 22,64N,12W | 31,65N,13W | Scotland | Schuyler | | x | x | | | B | | | |
| S. Fk. M. Fabius R. | C | 13.0 | 31,65N,13W | Hwy. 63 | Schuyler | | | x | x | | | B | | | |
| S. Fk. N. Fabius R. | C | 11.5 | Mouth | 27,67N,15W | Schuyler | | | x | x | | | B | | | |
| S. Fk. North R. | P | 6.9 | Mouth | 13,57N,8W | Marion | | | x | x | | | B | | | |
| S. Fk. North R. | C | 4.3 | 13,57N,8W | 21,57N,8W | Marion | | | x | x | | | B | | | |
| S. Fk. Pomme de Terre R. | P | 5.0 | Mouth | 25,30N,20W | Greene | | | x | x | | | A | x | | |
| S. Fk. S. Fabius R. | P | 7.9 | 29,62N,11W | 9,62N,12W | Knox | | | x | x | | | B | | | |
| S. Fk. S. Fabius R. | C | 18.3 | 9,62N,12W | 13,63N,14W | Knox | Adair | | x | x | | | B | | | |
| S. Fk. S. Grand R. | C | 14.2 | Mouth | 34,44N,33W | Cass | | | x | x | | | B | | | |
| S. Fk. Saline Cr. | P | 23.4 | Mouth | 27,35N,9E | Perry | | | x | x | x | | B | | | |
| S. Fk. Saline Cr. | C | 5.0 | 27,35N,9E | 1,34N,8E | Perry | Ste. Genevieve | | x | x | | | B | | | |
| S. Fk. Salt R. | P | 9.3 | Mouth | Audrain Co. Line | Monroe | | x | x | x | | | B | x | | |
| S. Fk. Salt R. | C | 40.1 | 29,53N,8W | 5,49N,8W | Monroe | Callaway | | x | x | | | B | x | | |
| S. Fk. Spring Cr. | C | 1.5 | Mouth | 13,26N,10W | Howell | | | x | x | | | B | | | |
| S. Fk. Spring R. | P | 4.2 | State Line | 26,22N,8W | Howell | | | x | x | | | B | | | |
| S. Fk. Spring R. | C | 11.0 | 26,22N,8W | 32,23N,8W | Howell | | | x | x | | | B | | | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption

CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery
SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|------------------------|-------|-------|------------------|-------------------|----------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| S. Fk. Turkey Cr. | C | 4.5 | 21,35N,25W | 34,35N,25W | Cedar | | | x | x | | | A | | | |
| S. Fk. Weaubleau Cr. | C | 7.3 | Mouth | 20,36N,24W | St. Clair | | | x | x | | | A | | | |
| S. Flat Cr. | C | 0.9 | 27,43N,22W | 27,43N,22W | Benton | | | x | x | | | B | | | |
| S. Flat Cr. | P | 8.2 | Mouth | 27,43N,22W | Pettis | Benton | | x | x | | | B | | | |
| S. Grand R. | P | 66.8 | Mouth | 02,44N,33W | Henry | Cass | | x | x | | | B | x | | |
| S. Indian Cr. | P | 8.7 | Mouth | 1,23N,30W | Newton | McDonald | | x | x | | x | B | | | |
| S. Moreau Cr. | C | 10.2 | 29,43N,14W | 7,42N,15W | Cole | Miller | | x | x | | | A | x | | |
| S. Moreau Cr. | P | 21.1 | 1,43N,13W | 29,43N,14W | Cole | | | x | x | | | A | x | | |
| S. Moreau Cr. | C | 6.5 | 7,42N,15W | 36,42N,15W | Miller | | | x | x | | | B | | | |
| S. Mud Cr. | C | 3.8 | Mouth | 2,54N,27W | Ray | | | x | x | | | B | | | |
| S. Prong Beaverdam Cr. | C | 7.2 | Mouth | 27,25N,3E | Ripley | | | x | x | | | B | | | |
| S. Prong Jacks Fk. | P | 7.0 | Mouth | 21,28N,8W | Texas | | | x | x | | | B | | | |
| S. Prong Jacks Fk. | C | 4.5 | 21,28N,8W | 14,28N,9W | Texas | | | x | x | | | B | | | |
| S. Prong L. Black R. | P | 5.5 | Mouth | Hwy. 21 | Ripley | | | x | x | | | B | | | |
| S. Prong L. Black R. | C | 6.0 | Hwy. 21 | 33,25N,2E | Ripley | | | x | x | | | B | | | |
| S. Rock Br. | C | 3.2 | Mouth | 14,35N,3W | Crawford | | | x | x | | | B | | | |
| S. Spencer Cr. | C | 9.3 | Mouth | 6,53N,4W | Ralls | Pike | | x | x | | | | x | | |
| S. Spring Cr. | P | 4.0 | Mouth | 23,25N,16W | Douglas | | | x | x | | | B | | | |
| S. Wyaconda R. | P | 9.7 | 26,65N,9W | 4,65N,10W | Clark | Scotland | | x | x | | | B | | x | |
| S. Wyaconda R. | C | 17.5 | 4,65N,10W | 32,67N,12W | Scotland | | | x | x | | | B | | | |
| Sac R. | P | 48.8 | Mouth | Stockton Lake Dam | St. Clair | Cedar | | x | x | x | | A | x | | |
| Sac R. | P | 35.0 | 1,31N,26W | 15,29N,24W | Dade | Greene | | x | x | x | | A | x | | |
| Sac R. | C | 3.5 | 15,29N,24W | 19,29N,23W | Greene | | | x | x | | | B | | | |
| Sadler Br. | C | 0.8 | Mouth | 17,35N,24W | Polk | | | x | x | | | B | | | |
| Salem Cr. | C | 2.0 | Mouth | 26,37N,5E | St. Francois | | | x | x | | | | x | | |
| Salem Springs Cr. | C | 1.0 | Mouth | 11,32N,17W | Laclede | | | x | x | | | B | | | |
| Saline Cr. | P | 13.8 | Mouth | 10,41N,15W | Miller | | | x | x | | | A | x | | |
| Saline Cr. | P | 11.0 | Mouth | 13,36N,9E | Ste. Genevieve | Perry | | x | x | | | A | | | |
| Saline Cr. | P | 15.0 | 13,36N,9E | 16,35N,8E | Ste. Genevieve | | | x | x | x | | A | | | |
| Saline Cr. | C | 4.0 | 16,35N,8E | 11,35N,7E | Ste. Genevieve | | | x | x | | | B | | | |
| Saline Cr. | P | 4.3 | Mouth | 32,35N,3E | Iron | | | x | x | | | B | | | |
| Saline Cr. | P | 1.8 | Mouth | | Jefferson | | | x | x | | | B | | | |
| | | | | 3011,43N,5E | | | | | | | | | | | |
| Saline Cr. | C | 2.3 | Sur 3011, 43N,5E | Sur 1331,43N,5E | Jefferson | | | x | x | | | B | x | | |
| Saline Cr. | P | 5.8 | Mouth | 12,33N,7E | Madison | | | x | x | | | B | | | |
| Saline Cr. | C | 1.1 | 12,33N,7E | 7,33N,7E | Madison | | | x | x | | | B | | | |
| Salley Br. | C | 0.1 | Mouth | 27,39N,22W | Benton | | | x | x | | | B | | | |
| Sals Cr. | C | 1.5 | Mouth | 14,29N,13E | Scott | | | x | x | | | B | | | |
| Sals Cr. Div. Chan. | C | 2.7 | Mouth | 3,29N,13E | Scott | | | x | x | | | B | | | |
| Salt Br. | C | 5.7 | Mouth | 35,53N,21W | Saline | | | x | x | | | B | | | |
| Salt Br. | C | 7.2 | Mouth | 20,50N,22W | Saline | | | x | x | | | B | | | |
| Salt Cr. | C | 5.0 | Mouth | 9,38N,26W | St. Clair | | | x | x | | | B | | | |
| Salt Cr. | C | 14.9 | Mouth | 25,55N,20W | Chariton | | | x | x | | | B | | | |
| Salt Cr. | P1 | 3.0 | Mouth | 33,49N,15W | Howard | | | x | x | | | B | | | |
| Salt Cr. | C | 10.0 | 33,49N,15W | 31,50N,15W | Howard | | | x | x | | | B | | | |
| Salt Cr. | P | 3.1 | Mouth | 6,49N,17W | Howard | | | x | x | | | B | | | |
| Salt Fk. | C | 7.2 | Mouth | 2,51N,15W | Howard | | | x | x | | | B | | | |
| Salt Fk. | P | 26.7 | Mouth | 28,51N,22W | Saline | | | x | x | | | B | x | | |

IRR-Irrigation

LWW (LWP)-Livestock & Wildlife Watering

AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,

Human Health-Fish Consumption

CLF (CLH)-Cool Water Fishery

CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation

DWS-Drinking Water Supply

WBC-Whole Body Contact Recreation

IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|---------------------|-------|-------|------------|-------------|----------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Salt Fk. | C | 18.6 | 28,51N,22W | 29,50N,24W | Saline | Lafayette | | x | x | | | B | | | |
| Salt Pine Cr. | C | 1.2 | Mouth | 5,38N,3E | Washington | | | x | x | | | B | | | |
| Salt Pond Cr. | P | 3.6 | Mouth | 25,49N,23W | Saline | | | x | x | | | B | | | |
| Salt Pond Cr. | C | 2.4 | 25,49N,23W | 14,49N,23W | Saline | | | x | x | | | B | | | |
| Salt R. | P1 | 9.3 | Re-Reg Dam | Cannon Dam | Ralls | | x | x | x | | | A | x | x | |
| Salt R. | P1 | 15.0 | Mouth | Hwy. 79 | Pike | | x | x | x | | | A | x | | |
| Salt R. | P | 29.0 | Hwy. 79 | Re-Reg Dam | Pike | Ralls | x | x | x | | | A | x | x | |
| Sampson Cr. | P | 13.5 | Mouth | 19,62N,29W | Daviess | Harrison | | x | x | | | B | | | |
| Sampson Cr. | C | 5.6 | 19,62N,29W | 1,62N,30W | Gentry | | | x | x | | | B | | | |
| Sand Cr. | C | 15.0 | Mouth | 12,43N,26W | Henry | | | x | x | | | B | | | |
| Sand Cr. | C | 4.9 | Mouth | 11,64N,37W | Nodaway | | | x | x | | | B | | | |
| Sand Cr. | C | 1.8 | Mouth | 34,36N,06E | St. Francois | | | x | x | | | B | | | |
| Sand Cr. | P | 1.6 | Mouth | 18,42N,4E | Jefferson | | | x | x | | | B | | | |
| Sand Cr. | C | 2.4 | Mouth | 36,65N,16W | Schuyler | | | x | x | | | B | | | |
| Sand Hollow | C | 0.3 | Mouth | 24,31N,10W | Texas | | | x | x | | | B | | | |
| Sand Run | C | 2.0 | Mouth | 24,48N,1W | Lincoln | | | x | x | | | B | | | |
| Sandy Cr. | C | 7.0 | Mouth | 27,52N,2W | Lincoln | Pike | | x | x | | | B | | | |
| Sandy Cr. | C | 7.5 | Mouth | Sur | Jefferson | | | x | x | | | B | | | |
| | | | | 1987,41N,5E | | | | | | | | | | | |
| Sandy Cr. | C | 1.3 | Mouth | 1,34N,10E | Perry | | | x | x | | | | | x | |
| Sandy Cr. | P | 2.4 | Mouth | 11,33N,11E | Cape Girardeau | | | x | x | | | B | | | |
| Sandy Cr. | C | 0.5 | 11,33N,11E | 3,33N,11E | Cape Girardeau | | | x | x | | | B | | | |
| Sandy Cr. | C | 6.0 | Mouth | 23,51N,5W | Montgomery | Audrain | | x | x | | | B | | | |
| Sandy Cr. | C | 13.8 | Mouth | 25,50N,1E | Lincoln | | | x | x | | | B | | | |
| Sandy Cr. | C | 11.6 | Mouth | 15,65N,25W | Harrison | Mercer | | x | x | | | B | | | |
| Sandy Cr. | C | 3.0 | Mouth | 19,66N,17W | Putnam | | | x | x | | | B | | | |
| Sanford Cr. | C | 1.0 | Mouth | 4,43N,10W | Cole | | | x | x | | | B | | | |
| Sara Br. | C | 2.5 | Mouth | 01,32N,18W | Webster | | | x | x | | | B | | | |
| Sardine Cr. | C | 1.8 | Mouth | 2,29N,25W | Lawrence | | | x | x | | | B | | | |
| Sawmill Hollow | C | 2.6 | Mouth | 17,24N,11W | Ozark | | | x | x | | | B | | | |
| Sawyer Cr. | P | 5.5 | Mouth | 1,28N,20W | Greene | | | x | x | | | B | | | |
| Schawanee Spr. Br. | C | 2.8 | Mouth | 5,34N,11E | Perry | | | x | x | | | B | | | |
| School Hollow Cr. | P | 1.3 | Mouth | 08,41N,09W | Osage | | | x | x | | | B | | | |
| Schoolhouse Hollow | C | 0.3 | Mouth | 19,31N,09W | Texas | | | x | x | | | B | | | |
| Schulte Cr. | P | 0.5 | Mouth | 8,43N,5W | Gasconade | | | x | x | | | B | | | |
| Schultz Cr. | C | 5.0 | Mouth | 10,32N,21W | Polk | | | x | x | | | B | | | |
| Scott Br. | C | 1.5 | Mouth | 21,37N,2W | Crawford | | | x | x | | | B | | | |
| Scott Br. | C | 1.2 | Mouth | 5,37N,1E | Washington | | | x | x | | | B | | | |
| Scott Br. | C | 0.5 | Mouth | 5,44N,15W | Moniteau | | | x | x | | | | | x | |
| Second Cr. | P | 8.0 | Mouth | 12,43N,6W | Gasconade | | | x | x | | | B | | | |
| Second Cr. | C | 6.5 | 12,43N,6W | Hwy. 19 | Gasconade | | | x | x | | | B | | | |
| Second Cr. | C | 11.5 | Mouth | 29,52N,33W | Clay | Platte | | x | x | | | B | | | |
| Second Nicolson Cr. | P | 4.5 | 4,32N,33W | 18,32N,33W | Barton | | | x | x | | | B | | | |
| Sees Cr. | P | 1.0 | Mouth | 15,57N,7W | Marion | | | x | x | | | B | | | |
| Sees Cr. | C | 2.2 | 15,57N,7W | 22,57N,7W | Marion | | | x | x | | | B | | | |
| Sellars Cr. | C | 3.5 | Mouth | 6,36N,14W | Camden | | | x | x | | | A | | x | |
| Sellers Hollow | C | 5.3 | Mouth | 7,37N,15W | Camden | | | x | x | | | | | x | |
| Selph Br. | P | 1.0 | Mouth | 23,31N,20W | Greene | | | x | x | | | B | | | |
| Selvae Hollow | C | 2.4 | Mouth | 21,33N,16W | Laclede | | | x | x | | | B | | | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption

CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|-----------------------|-------|-------|------------|-------------|----------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Sewer Br. | C | 1.0 | Mouth | 16,46N,21W | Pettis | | | x | x | | | B | | | |
| Seymour Br. Hazel Cr. | C | 0.5 | Mouth | 20,36N,1E | Washington | | | x | x | | | B | x | | |
| Shackelford Br. | C | 5.9 | Mouth | 21,52N,29W | Ray | | | x | x | | | B | | | |
| Shady Cr. | C | 9.4 | Mouth | 5,52N,5W | Pike | | | x | x | | | | x | | |
| Shain Cr. | C | 13.0 | Mouth | Hwy. 46 | Harrison | | | x | x | | | B | | | |
| Sharpsburg Br. | C | 1.5 | Mouth | 28,57N,8W | Marion | | | x | x | | | | x | | |
| Shaver Cr. | P | 15.1 | Mouth | 06,45N,20W | Pettis | | | x | x | | | B | | | |
| Shaw Br. | C | 1.2 | Mouth | Sur | St. Francois | | | x | x | | | | x | | |
| | | | | 3272,36N,5E | | | | | | | | | | | |
| Shawnee Cr. | P | 3.2 | Mouth | 8,33N,13E | Cape Girardeau | | | x | x | | | B | | | |
| Shawnee Cr. | P | 2.0 | Mouth | 30,29N,3W | Shannon | | | x | x | | | B | | | |
| Shawnee Cr. | C | 6.5 | 30,29N,03W | 19,28N,03W | Shannon | | | x | x | | | B | | | |
| Shawnee Cr. | P | 4.5 | Mouth | 9,45N,7W | Gasconade | Osage | | x | x | | | B | | | |
| Shawnee Cr. | C | 1.5 | 9,45N,7W | 16,45N,7W | Osage | | | x | x | | | B | | | |
| Shays Cr. | C | 1.7 | Mouth | 33,34N,7E | Madison | | | x | x | | | B | | | |
| Sheep Cr. | C | 1.0 | Mouth | 1,56N,29W | Caldwell | | | x | x | | | | | | |
| Shell Br. | C | 5.3 | Mouth | 8,55N,8W | Monroe | | | x | x | | | B | | | |
| Shetley Cr. | P | 4.0 | Mouth | 12,31N,7E | Madison | | | x | x | | | B | | | |
| Shetley Cr. | C | 2.7 | 12,31N,7E | 2,31N,7E | Madison | | | x | x | | | B | | | |
| Shibboleth Br. | P | 1.0 | Mouth | 14,38N,3E | Washington | | | x | x | | | B | | | |
| Shibboleth Br. | C | 3.0 | 14,38N,3E | 21,38N,3E | Washington | | | x | x | | | B | | | |
| Shipley Slough | C | 2.5 | 35,19N,9E | 24,19N,9E | Dunklin | | | x | x | | | B | | | |
| Shoal Cr. | P | 7.7 | Mouth | 27,36N,2W | Crawford | | | x | x | | | A | | | |
| Shoal Cr. | C | 3.0 | 27,36N,2W | 10,35N,2W | Crawford | | | x | x | | | B | | | |
| Shoal Cr. | C | 3.1 | Mouth | 31,22N,17W | Taney | | | x | x | | | A | x | | |
| Shoal Cr. | P | 50.5 | State Line | 10,25N,29W | Newton | | x | x | x | x | | A | x | x | x |
| Shoal Cr. | P | 0.5 | 10,25N,29W | 15,25N,29W | Newton | | x | x | x | | x | A | x | | |
| Shoal Cr. | P | 15.7 | 15,25N,29W | 12,23N,29W | Newton | Barry | x | x | x | x | | A | x | | |
| Shoal Cr. | C | 5.0 | 12,23N,29W | 32,23N,28W | Barry | | | x | x | | | B | | | |
| Shoal Cr. | P | 10.3 | Mouth | 27,51N,32W | Clay | | | x | x | | | B | | | |
| Shoal Cr. | C | 10.6 | 27,51N,32W | 2,51N,33W | Clay | | | x | x | | | B | | | |
| Shoal Cr. | P | 54.6 | Mouth | 25,56N,28W | Livingston | Caldwell | | x | x | | | A | x | x | |
| Shoal Cr. | C | 34.0 | 25,56N,28W | 5,55N,30W | Caldwell | Clinton | | x | x | | | B | x | | |
| Shoal Cr. | C | 17.4 | Mouth | 5,66N,17W | Putnam | | | x | x | | | B | | | |
| Shoal Cr. Ditch | C | 9.8 | 27,57N,24W | 28,56N,25W | Livingston | | | x | x | | | B | | | |
| Shootman Cr. | C | 1.5 | Mouth | 6,53N,22W | Carroll | | | x | x | | | B | | | |
| Short Cr. | P | 2.9 | Mouth | 30,22N,21W | Taney | | | x | x | | | B | | | |
| Short Cr. | C | 0.9 | 30,22N,21W | 36,22N,22W | Taney | | | x | x | | | B | | | |
| Shrum Cr. | P | 1.7 | Mouth | 6,33N,10E | Bollinger | | | x | x | | | B | | | |
| Shrum Cr. | C | 1.0 | 6,33N,10E | County Line | Bollinger | | | x | x | | | B | | | |
| Shuld Br. | C | 2.0 | Mouth | 23,28N,9W | Texas | | | x | x | | | B | | | |
| Shuteye Cr. | C | 4.5 | Mouth | 31,64N,16W | Adair | | | x | x | | | B | | | |
| Shut-in Cr. | P | 1.8 | Mouth | 6,33N,2E | Reynolds | | | x | x | | | B | | | |
| Shut-in Cr. | C | 3.3 | 6,33N,2E | 20,34N,2E | Iron | | | x | x | | | B | | | |
| Shuyler Cr. | P | 3.6 | Mouth | 28,28N,23W | Greene | | | x | x | | | B | | | |
| Silver Cr. | P | 1.9 | Mouth | 25,27N,33W | Newton | | | x | x | | | B | | | |
| Silver Cr. | C | 1.8 | Mouth | 01,23N,21W | Taney | | | x | x | | | B | | | |
| Silver Cr. | C | 8.4 | Mouth | 34,53N,15W | Chariton | Randolph | | x | x | | | B | | | |
| Silver Cr. | P | 1.3 | Mouth | 9,23N,20W | Taney | | | x | x | | | B | x | | |
| Silver Fk. | C | 30.0 | Mouth | 33,51N,11W | Boone | | | x | x | | | A | | | |
| Silver Lake Br. | C | 2.0 | Mouth | 13,26N,23W | Stone | | | x | x | | | B | | | |

IRR Irrigation AQL AQL CLF CLF CDF CDF WBC WBC SCR SCR DWS DWS IND IND

IRR-Irrigation CLF (CLH)-Cool Water Fishery
LWW (LWP)-Livestock & Wildlife Watering CDF (CDH)-Cold Water Fishery
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|-------------------------|-------|-------|------------|-------------|-------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Simms Cr. | C | 2.6 | Mouth | 15,37N,27W | St. Clair | | | x | x | | | B | | | |
| Simpson Br. | C | 2.0 | Mouth | 6,38N,2E | Washington | | | x | x | | | B | | | |
| Sims Br. | C | 1.3 | Mouth | 26,31N,22W | Greene | | | x | x | | | B | | | |
| Sinking Cr. | P | 2.3 | Mouth | 10,30N,26W | Dade | | | x | x | | | B | | | |
| Sinking Cr. | C | 2.0 | 10,30N,26W | 12,30N,26W | Dade | | | x | x | | | B | | | |
| Sinking Cr. | P | 5.2 | 12,30N,26W | 16,30N,25W | Dade | | | x | x | | | B | | | |
| Sinking Cr. | P | 24.0 | Mouth | 8,32N,3W | Shannon | Dent | | x | x | x | | A | | | |
| Sinking Cr. | P | 19.9 | Mouth | 19,31N,1E | Reynolds | | | x | x | | | B | | | |
| Sitton Br. | P | 0.8 | Mouth | 12,50N,2W | Lincoln | | | x | x | | | B | | | |
| Sitton Br. | C | 2.8 | 12,50N,2W | 10,50N,2W | Lincoln | | | x | x | | | B | | | |
| Skinner Cr. | C | 1.3 | Mouth | 09,42N,03W | Franklin | | | x | x | | | B | | | |
| Skull Cr. | C | 0.5 | Mouth | 10,47N,19W | Cooper | | | x | x | | | B | | | |
| Skullbones Cr. | C | 1.1 | Mouth | 35,42N,03E | Jefferson | | | x | x | | | B | | | |
| Slabtown Br. | C | 3.7 | Mouth | 23,33N,10W | Texas | | | x | x | | | B | | | |
| Slagle Cr. | P | 8.2 | Mouth | 17,32N,22W | Polk | | | x | x | | | B | | | |
| Slagle Cr. | P | 2.2 | Mouth | 18,28N,9E | Bollinger | | | x | x | | | B | | | |
| Slater Br. | C | 2.0 | Mouth | Sur | Madison | | | x | x | | | B | | | |
| | | | | 1852,33N,6E | | | | | | | | | | | |
| Slater Br. | C | 3.7 | Mouth | 34,30N,32W | Jasper | | | x | x | | | B | | | |
| Smiley Cr. | C | 3.0 | Mouth | 36,46N,17W | Cooper | | | x | x | | | B | | | |
| Smith Br. | C | 3.6 | Mouth | 18,48N,5W | Montgomery | | | x | x | | | B | | | |
| Smith Br. | C | 0.5 | Mouth | 16,47N,9W | Callaway | | | x | x | | | B | | | |
| Smith Cr. | C | 1.5 | Mouth | 26,47N,11W | Callaway | | | x | x | | | B | | | |
| Smith Cr. | C | 12.0 | Mouth | 2,43N,17W | Moniteau | Morgan | | x | x | | | A | | | |
| Smith Fk. | C | 3.0 | Mouth | 15,56N,31W | Clinton | | | x | x | | | B | | | |
| Smith Hollow | C | 1.0 | Mouth | 31,23N,11W | Ozark | | | x | x | | | B | | | |
| Smith Hollow Cr. | P | 1.1 | Mouth | 26,37N,10W | Phelps | | | x | x | | | B | | | |
| Smith Hollow Cr. | C | 1.9 | Mouth | 36,37N,10W | Phelps | | | x | x | | | B | | | |
| Snag Br. | C | 2.4 | Mouth | 21,34N,27W | Cedar | | | x | x | | | B | | | |
| Snapps Br. | C | 1.5 | Mouth | 2,36N,1W | Washington | | | x | x | | | B | | | |
| Sni-a-bar Cr. | C | 4.3 | 30,48N,29W | 5,47N,29W | Jackson | | | x | x | | | B | | | |
| Sni-a-bar Cr. | P | 36.6 | Mouth | 30,48N,29W | Lafayette | Jackson | | x | x | | | B | | x | |
| Snowden Br. | C | 2.0 | Mouth | 1,32N,7E | Madison | | | x | x | | | B | | | |
| Snyder Ditch | C | 6.5 | 26,24N,7E | 26,25N,7E | Butler | | | x | x | | | B | | | |
| Soap Cr. | P | 1.0 | Mouth | 32,41N,17W | Morgan | | | x | x | | | B | | | |
| Soap Cr. | P | 0.8 | Mouth | 19,42N,04W | Gasconade | | | x | x | | | B | | | |
| Soap Cr. | C | 4.5 | 19,42N,04W | 11,42N,05W | Gasconade | | | x | x | | | B | | x | |
| Sons Cr. | P | 1.5 | Mouth | 27,32N,27W | Dade | | | x | x | | | B | | | |
| Sons Cr. | C | 10.8 | 27,32N,27W | 31,31N,27W | Dade | | | x | x | | | B | | | |
| South Cr. | P | 3.8 | Mouth | 34,29N,22W | Greene | | | x | x | | | B | | | |
| South Fk. | C | 4.5 | Mouth | 25,24N,15W | Ozark | | | x | x | | | B | | | |
| South Fk. Blackwater R. | C | 17.1 | Mouth | 08,46N,23W | Saline | Pettis | | x | x | | | B | | | |
| South R. | P1 | 2.6 | Mouth | 16,58N,5W | Marion | | | x | x | | | B | | | |
| South R. | C | 16.3 | 16,58N,5W | 33,57N,6W | Marion | | | x | x | | | B | | | |
| Sparrow Foot Cr. | C | 2.6 | Mouth | 15,41N,25W | Henry | | | x | x | | | B | | | |
| Spence Cr. | C | 3.6 | 1,28N,15W | 19,28N,15W | Wright | | | x | x | | | B | | | |
| Spencer Cr. | C | 2.3 | Mouth | 14,37N,17W | Camden | | | x | x | | | | | x | |
| Spencer Cr. | C | 1.5 | Mouth | Sur | St. Charles | | | x | x | | | | | x | |
| | | | | 1786,47N,4E | | | | | | | | | | | |
| Spencer Cr. | P | 11.0 | Mouth | 31,55N,4W | Ralls | | | x | x | | | B | | | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption

CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery
SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|--------------------|-------|-------|-----------------|--------------------|--------------|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Spencer Cr. | C | 24.0 | 31,55N,4W | 23,53N,6W | Ralls | | | x | x | | | B | | | |
| Spillway Ditch | P | 24.7 | 28,23N,15E | 33,25N,16E | New Madrid | Mississippi | | x | x | | | A | | | |
| Spillway Ditch | C | 8.7 | 5,24N,16E | 25,26N,16E | Mississippi | | | x | x | | | B | | | |
| Splice Cr. | P | 3.6 | Mouth | 7,47N,14W | Moniteau | | | x | x | | | A | x | | |
| Splice Cr. | C | 2.5 | 7,47N,14W | 11,47N,15W | Moniteau | | | x | x | | | B | | | |
| Spring Alec Hollow | P | 1.5 | Mouth | 29,30N,2W | Shannon | | | x | x | | | B | | | |
| Spring Alec Hollow | C | 1.3 | 29,30N,2W | 21,30N,2W | Shannon | | | x | x | | | B | | | |
| Spring Br. | P | 1.0 | Mouth | 19,41N,17W | Morgan | | | x | x | | x | B | | | |
| Spring Br. | P | 1.9 | Mouth | 4,29N,22W | Greene | | | x | x | | | B | | | |
| Spring Cr. | P | 5.8 | Mouth | 8,34N,24W | Cedar | Polk | | x | x | | | B | | | |
| Spring Cr. | P | 5.4 | Mouth | 17,39N,8W | Maries | | | x | x | | | B | | | |
| Spring Cr. | P | 7.4 | Mouth | 31,35N,9W | Phelps | | x | x | x | | x | A | x | | |
| Spring Cr. | P | 16.0 | 31,35N,9W | 16,33N,9W | Phelps | Texas | | x | x | | | B | | | |
| Spring Cr. | C | 3.7 | 16,33N,9W | 26,33N,9W | Texas | | | x | x | | | | | x | |
| Spring Cr. | P | 18.0 | Mouth | 19,34N,05W | Dent | | | x | x | | | B | x | | |
| Spring Cr. | P | 2.7 | Mouth | 4,41N,2W | Franklin | | | x | x | | x | B | | | |
| Spring Cr. | C | 5.1 | 4,41N,2W | 17,41N,2W | Franklin | | | x | x | | | B | x | | |
| Spring Cr. | P | 6.5 | Mouth | 12,26N,24W | Stone | | | x | x | | x | B | | | |
| Spring Cr. | P | 5.2 | Mouth | 14,23N,11W | Ozark | | | x | x | | | B | x | | |
| Spring Cr. | P | 7.5 | 14,23N,11W | 17,23N,10W | Ozark | Howell | | x | x | | | A | x | | x |
| Spring Cr. | C | 8.9 | 17,23N,10W | 6,23N,9W | Howell | | | x | x | | | B | | | |
| Spring Cr. | P | 19.2 | Mouth | 23,26N,10W | Douglas | Howell | | x | x | | | B | x | | |
| Spring Cr. | P | 6.0 | Mouth | 06,24N,13W | Douglas | Ozark | | x | x | | x | B | x | | |
| Spring Cr. | C | 5.3 | 6,24N,13W | 8,24N,14W | Ozark | | | x | x | | | B | | | |
| Spring Cr. | C | 1.0 | Mouth | 30,23N,8W | Howell | | | x | x | | | B | | | |
| Spring Cr. | P | 8.5 | Mouth | 24,25N,5W | Oregon | | | x | x | | | B | | | |
| Spring Cr. | C | 5.8 | 24,25N,5W | 3,25N,5W | Oregon | | | x | x | | | B | | | |
| Spring Cr. | C | 4.0 | Mouth | 28,49N, 01W | Lincoln | | | x | x | | | B | | | |
| Spring Cr. | P | 18.7 | Mouth | 26,64N,18W | Adair | Sullivan | x | x | x | | | A | | | |
| Spring Cr. | C | 5.0 | 26,64N,18W | 19,64N,18W | Sullivan | | | x | x | | | B | x | | |
| Spring Cr. | P | 1.0 | Mouth | 18,25N,16W | Douglas | | | x | x | | | B | | | |
| Spring Cr. Ditch | C | 4.4 | 27,25N,9E | 10,25N,9E | Stoddard | | | x | x | | | B | | | |
| Spring Fk. | C | 6.3 | 16,44N,21W | 01,43N,21W | Pettis | Benton | | x | x | | | B | | | |
| Spring Fk. | P | 5.4 | Mouth | 16,44N,21W | Pettis | | | x | x | | | B | | | |
| Spring Hollow | C | 11.4 | Bennett Springs | 27,34N,17W | Laclede | | | x | x | | x | B | | | |
| Spring R. | P | 0.5 | 22,28N,34W | 15,28N,34W | Jasper | | x | x | x | x | | A | x | | x |
| Spring R. | P | 61.7 | State Line | 20,28N,27W | Jasper | Lawrence | x | x | x | x | | A | x | | x |
| Spring R. | P | 8.8 | 20,28N,27W | 13,27N,27W | Lawrence | | x | x | x | | x | A | x | | x |
| Spring R. | P | 11.9 | 13,27N,27W | 28,26N,26W | Lawrence | | | x | x | | | A | x | | |
| Spring R. | C | 1.0 | 28,26N,26W | 27,26N,26W | Lawrence | | | x | x | | | B | | | |
| Spring Valley Cr. | P | 10.8 | Mouth | 35,30N,5W | Shannon | | | x | x | | | B | | | |
| Spring Valley Cr. | C | 10.0 | 35,30N,5W | 6,29N,5W | Shannon | | | x | x | | | B | | | |
| Spurlock Hollow | C | 2.7 | Mouth | 15,30N,11W | Texas | | | x | x | | | B | | | |
| Squaw Cr. | P | 21.0 | 36,61N,39W | 33,64N,38W | Holt | Atchison | | x | x | | | B | | | |
| St. Francis R. | P | 93.1 | 13,28N, 5E | 16,35N,4E | Wayne | St. Francois | x | x | x | x | | A | x | | |
| St. Francis R. | C | 3.8 | 16,35N,4E | Ozark Ore Lake Dam | St. Francois | | | x | x | | | B | | | |
| St. Francis R. | P | 104.0 | State Line | Wappapello Dam | Dunklin | Wayne | x | x | x | | | A | x | | |

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption

CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|---------------------------|-------|-------|------------|--------------|-------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| St. James Ditch | C | 2.1 | 11,23N,15E | 1,23N,15E | New Madrid | | | x | x | | | B | | | |
| St. Johns Bayou | P | 4.7 | Mouth | 28,23N,15E | New Madrid | | | x | x | | | B | | | |
| St. Johns Cr. | P | 21.0 | Mouth | 12,43N,2W | Franklin | | | x | x | | | B | | | |
| St. Johns Cr. | C | 9.0 | 12,43N,2W | 19,43N,2W | Franklin | | | x | x | | | B | | | |
| St. Johns Ditch | P | 15.3 | Mouth | 16,25N,14E | New Madrid | | | x | x | | | B | x | | |
| St. Johns Ditch | C | 4.7 | 36,28N,13E | Sur | Scott | | x | x | x | | | A | | | |
| | | | | 1014,28N,14E | | | | | | | | | | | |
| St. Johns Ditch | P | 18.7 | 16,25N,14E | 36,28N,13E | New Madrid | Scott | | x | x | | | B | x | | |
| St. Johns Diversion Ditch | C | 5.0 | 11,23N,15E | 9,23N,16E | New Madrid | | | x | x | | | B | | | |
| St. Johns Diversion Ditch | C | 4.3 | 4,23N,16E | 12,23N,16E | Mississippi | | | x | x | | | B | | | |
| Stahl Cr. | P | 7.3 | Mouth | 25,29N,27W | Lawrence | | | x | x | | | B | | | |
| Stanley Cr. | P | 3.1 | Mouth | 18,27N,8E | Wayne | | | x | x | | | B | | | |
| Starks Cr. | P | 10.3 | Mouth | 12,37N,21W | Hickory | | | x | x | x | | B | | | |
| Starks Cr. | C | 7.0 | 12,37N,21W | 31,37N,20W | Hickory | | | x | x | x | | B | | | |
| Starvey Cr. | C | 3.0 | Mouth | 15,32N,18W | Dallas | | | x | x | | | B | | | |
| Stater Cr. | P | 2.4 | Mouth | 27,40N,2W | Crawford | | | x | x | | | B | | | |
| Stater Cr. | C | 2.3 | 27,40N,2W | 29,40N,2W | Crawford | | | x | x | | | A | x | | |
| Steins Cr. | C | 16.6 | 25,33N,15W | 33,31N,15W | Laclede | Wright | | x | x | | | B | | | |
| Stephens Br. | C | 8.8 | Mouth | 29,47N,17W | Cooper | | | x | x | | | B | | | |
| Sterett Cr. | C | 1.2 | Mouth | 21,41N,22W | Benton | | | x | x | | | B | | | |
| Steuber Hollow Cr. | P | 0.6 | Mouth | 13,41N,09W | Osage | | | x | x | | | B | | | |
| Stevenson Bayou | C | 6.4 | 25,26N,16E | 31,27N,17E | Mississippi | | | x | x | | | B | | | |
| Stewart Cr. | P | 1.0 | Mouth | 12,27N,19W | Christian | | | x | x | | | B | | | |
| Stewart Cr. | C | 3.0 | 12,27N,19W | 17,27N,18W | Christian | | | x | x | | | B | | | |
| Stick Br. | C | 0.4 | Mouth | 21,36N,21W | Hickory | | | x | x | | | B | | | |
| Stillcamp Ditch | C | 12.3 | Mouth | 35,24N,6E | Butler | | x | x | x | | | B | | | |
| Stillhouse Br. | C | 2.0 | Mouth | 26,62N,31W | Gentry | | | x | x | | | B | | | |
| Stinking Cr. | C | 4.7 | Mouth | 5,34N,28W | Cedar | | | x | x | | | B | | | |
| Stinking Cr. | C | 1.4 | Mouth | 22,35N,22W | Polk | | | x | x | | | B | | | |
| Stinking Cr. | C | 15.8 | 24,56N,16W | Mouth | Macon | | | x | x | | | B | | | |
| Stinson Cr. | C | 11.9 | Mouth | 16,47N,9W | Callaway | | | x | x | | | B | | | |
| Stoak Cr. | C | 2.3 | Mouth | 14,45N,26W | Johnson | | | x | x | | | B | | | |
| Stockton Br. | C | 3.6 | Mouth | 4,34N,26W | Cedar | | | x | x | | | B | | | |
| Stone Hill Br. | C | 2.3 | Mouth | 35,34N,4W | Dent | | | x | x | | | B | | | |
| Stone Hill Br. | P | 2.2 | 35,34N,4W | 31,34N,3W | Dent | | | x | x | | | B | | | |
| Storys Cr. | C | 2.7 | Mouth | 16,29N,4W | Shannon | | | x | x | | | B | | | |
| Stouts Cr. | P | 7.3 | Mouth | 33,34N,4E | Madison | Iron | x | x | x | x | | B | x | | |
| Stouts Cr. | P | 4.0 | 33,34N,4E | 1,33N,3E | Iron | | | x | x | | | B | x | | |
| Stouts Cr. | C | 1.1 | 1,33N,3E | 2,33N,3E | Iron | | | x | x | | | B | | | |
| Straight Fk. | P | 12.0 | 4,44N,16W | 6,43N,17W | Moniteau | Morgan | | x | x | | | A | | | |
| Straight Fk. | C | 6.0 | 6,43N,17W | 36,43N,18W | Morgan | | | x | x | | | B | | | |
| Stream Mill Hollow | P | 3.0 | Mouth | 27,32N,10W | Texas | | | x | x | | | B | | | |
| Stream Mill Hollow | C | 2.0 | 27,32N,10W | 28,32N,10W | Texas | | | x | x | | | | x | | |
| String Cr. | C | 2.0 | Mouth | 20,45N,14W | Moniteau | | | x | x | | | B | | | |
| Stringtown Br. | C | 1.5 | Mouth | 12,36N,1W | Washington | | | x | x | | | B | | | |
| Strobel Br. | P | 0.7 | Mouth | 1,44N,14W | Cole | | | x | x | | | B | | | |
| Strobel Br. | C | 2.0 | 12,44N,14W | 35,45N,14W | Cole | | | x | x | | | B | | | |
| Strobel Br. | C | 2.4 | Mouth | 24,44N,14W | Cole | | | x | x | | | B | | | |
| Strother Cr. | P | 6.0 | Mouth | 33,34N,1W | Reynolds | Iron | | x | x | x | | B | | | |
| Sugar Br. | P | 2.3 | Mouth | 12,48N,14W | Boone | | | x | x | | | B | | | |

IRR-LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation

CLF (CLH)-Cool Water Fishery

SCR-Secondary Contact Recreation

LWW (LWP)-Livestock & Wildlife Watering

CDF (CDH)-Cold Water Fishery

DWS-Drinking Water Supply

AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,

WBC-Whole Body Contact Recreation

Human Health-Fish Consumption

IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|------------------|-------|-------|------------|-----------------------|------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Sugar Br. | C | 3.0 | 12,48N,14W | 3,48N,14W | Boone | | | x | x | | | B | | | |
| Sugar Cr. | C | 1.6 | Mouth | 17,51N,13W | Boone | | | x | x | | | B | | | |
| Sugar Cr. | P | 9.5 | Mouth | 23,41N,11W | Miller | Maries | | | x | | x | B | | | |
| Sugar Cr. | C | 13.8 | Mouth | 33,44N,30W | Cass | | | x | x | | | B | | | |
| Sugar Cr. | C | 11.0 | Mouth | Sur 1683,50N,1E | Lincoln | | | x | x | | | B | | | |
| Sugar Cr. | C | 3.8 | Mouth | 33,45N,6W | Gasconade | | | x | x | | | B | | | |
| Sugar Cr. | C | 5.5 | Mouth | 20,43N,5E | Jefferson | | | x | x | | | B | | | |
| Sugar Cr. | P | 3.0 | Mouth | 2,54N,37W | Platte | | | x | x | | | B | | | |
| Sugar Cr. | C | 6.5 | 2,54N,37W | 28,55N,36W | Platte | Buchanan | | x | x | | | B | | | |
| Sugar Cr. | P1 | 3.8 | Mouth | 18,64N,6W | Clark | | | x | x | | | B | | | |
| Sugar Cr. | C | 10.2 | 18,64N,6W | 29,65N,7W | Clark | | | x | x | | | B | | | |
| Sugar Cr. | C | 12.0 | Mouth | 15,62N,7W | Lewis | | | x | x | | | B | x | | |
| Sugar Cr. | P | 8.0 | Mouth | 22,62N,26W | Grundy | Harrison | | x | x | | | B | | | |
| Sugar Cr. | C | 12.0 | 22,62N,26W | 35,63N,27W | Harrison | | | x | x | | | B | | | |
| Sugar Cr. | C | 6.3 | Mouth | 18,61N,15W | Adair | | | x | x | | | B | | | |
| Sugar Cr. | P | 6.8 | Mouth | Sugar Cr. Lake Dam | Randolph | | | x | x | | | B | | | |
| Sugar Cr. | C | 1.5 | Mouth | 36,55N,3W | Pike | | | x | x | | | B | | | |
| Sugar Fk. | P | 1.0 | Mouth | 5,23N,33W | McDonald | | | x | x | | | B | | | |
| Sugar Tree Br. | C | 3.5 | Mouth | 34,52N,15W | Howard | | | x | x | | | B | | | |
| Sugarcamp Hollow | C | 2.5 | Mouth | 17,23N,26W | Barry | | | x | x | | | | x | | |
| Sulphur Cr. | P | 2.1 | Mouth | 15,51N,2W | Lincoln | | | x | x | | | B | | | |
| Sulphur Cr. | C | 9.3 | 15,51N,2W | 19,52N,2W | Lincoln | Pike | | x | x | | | B | | | |
| Sulphur Cr. | C | 1.8 | Mouth | 9,31N,4E | Iron | | | x | x | | | B | | | |
| Sulphur Cr. | P | 5.5 | Mouth | 30,49N,16W | Howard | | | x | x | | | B | | | |
| Sulphur Cr. | C | 7.0 | 30,49N,16W | 26,50N,17W | Howard | | | x | x | | | B | | | |
| Summers Cr. | C | 1.0 | Mouth | 19,32N,9E | Bollinger | | | x | x | | | B | | | |
| Surratt Cr. | C | 1.2 | Mouth | 26,25N,19W | Christian | | | x | x | | | B | | | |
| Sutton Br. | P | 0.5 | Mouth | 35,32N,2E | Reynolds | | | x | x | | | B | | | |
| Sutton Cr. | P | 1.0 | Mouth | 12,29N,4W | Shannon | | | x | x | | | B | | | |
| Sutton Hollow | C | 0.5 | Mouth | 36,31N,3E | Iron | | | x | x | | | B | | | |
| Swan Cr. | C | 2.2 | Mouth | 8,42N,8W | Osage | | | x | x | | | B | | | |
| Swan Cr. | P | 36.8 | Mouth | 4,26N,18W | Taney | Christian | x | x | x | x | | A | x | | |
| Swan Cr. | C | 2.0 | 4,26N,18W | 34,27N,18W | Christian | Douglas | | x | x | | | B | | | |
| Swede Br. | C | 0.4 | Mouth | 32,37N,21W | Hickory | | | x | x | | | B | | | |
| Sweet Hollow | C | 2.7 | Mouth | 27,36N,17W | Laclede | | | x | x | | | B | | | |
| Sweet Spring Cr. | C | 11.2 | Mouth | 18,53N,14W | Randolph | | | x | x | | | B | x | | |
| Sweeten Cr. | C | 1.6 | Mouth | 26,22N,13W | Ozark | | | x | x | | | B | | | |
| Sweetwater Br. | P | 1.0 | Mouth | 30,34N,7E | Madison | | | x | x | | | B | | | |
| Sweetwater Br. | C | 1.7 | 30,34N,7E | 28,34N,7E | Madison | | | x | x | | | B | | | |
| Sweetwater Cr. | P | 3.0 | Mouth | 28,31N,2W | Reynolds | | | x | x | | | B | | | |
| Sweezer Cr. | C | 4.9 | Mouth | 20,58N,15W | Macon | | | x | x | | | B | | | |
| Swift Cr. | C | 1.0 | Mouth | 15,26N,5E | Butler | | | x | x | | | B | | | |
| Swift Ditch | C | 4.0 | 26,23N,14E | 2,23N,14E | New Madrid | | | x | x | | | B | | | |
| Sycamore Br. | P | 4.5 | Mouth | 7,29N,26W | Lawrence | | | x | x | | | B | | | |
| Sycamore Cr. | P | 3.7 | Mouth | 20,29N,24W | Greene | | | x | x | | | B | | | |
| Sycamore Cr. | C | 1.0 | Mouth | 15,27N,3W | Shannon | | | x | x | | | B | | | |
| Tabo Cr. | P | 11.4 | Mouth | 27,50N,26W | Lafayette | | | x | x | | | B | | | |

IRR-LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption
CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDL | WBC | SCR | DWS | IND |
|---------------------|-------|-------|------------|-------------|--------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Tabo Cr. | C | 8.4 | 27,50N,26W | 20,49N,26W | Lafayette | | | x | x | | | B | | | |
| Tabor Cr. | P | 5.6 | Mouth | 9,24N,10W | Douglas | Howell | | x | x | | | B | | | |
| Tabor Cr. | C | 3.7 | 9,24N,10W | 11,24N,10W | Howell | | | x | x | | | B | | | |
| Tanyard Cr. | C | 4.0 | Mouth | 9,50N,16W | Howard | | | x | x | | | B | | | |
| Tarbuton Cr. | P | 2.0 | Mouth | 4,26N,14W | Douglas | | | x | x | | | B | | | |
| Tarkio R. | P | 33.5 | Mouth | State Line | Holt | Atchison | x | x | x | | | B | x | x | |
| Tater Hill Cr. | C | 7.7 | Mouth | 27,55N,24W | Carroll | | | x | x | | | B | | | |
| Taum Sauk Cr. | C | 4.0 | Mouth | 14,33N,2E | Reynolds | | | x | x | | | B | | | |
| Tavern Cr. | P | 39.2 | Mouth | 5,38N,12W | Miller | | | x | x | x | | A | x | | |
| Tavern Cr. | C | 10.6 | 5,38N,12W | 12,37N,13W | Miller | Pulaski | | x | x | x | | A | | | |
| Tavern Cr. | P | 2.7 | Mouth | 12,44N,2E | Franklin | | | x | x | | | B | | | |
| Taylor Br. | C | 1.2 | Mouth | 27,36N,6E | St. Francois | | | x | x | | | B | | | |
| Teague Br. | C | 5.8 | Mouth | 1,33N,27N | Cedar | | | x | x | | | B | | | |
| Tebo Cr. | P | 4.0 | Mouth | 6,42N,24W | Henry | | | x | x | | | B | | | |
| Tebo Cr. | C | 0.5 | 6,42N,24W | 31,43N,24W | Henry | | | x | x | | | B | | | |
| Tebo Cr. | C | 3.1 | Mouth | 19,44N,21W | Pettis | | | x | x | | | B | | | |
| Teeter Cr. | C | 3.0 | Mouth | 20,25N,14W | Douglas | | | x | x | | | B | | | |
| Tenmile Cr. | P | 9.3 | Mouth | 10,25N,4E | Butler | | | x | x | | | A | x | | |
| Tenmile Cr. | C | 14.2 | 10,25N,4E | 29,26N,3E | Butler | Carter | | x | x | | | A | x | | |
| Tenmile Pond | C | 5.1 | 28,24N,16E | 2,24N,16E | Mississippi | | | x | x | | | B | | | |
| Tennessee Cr. | C | 8.0 | Mouth | 34,44N,31W | Cass | | | x | x | | | B | | | |
| Terell Br. | P | 2.2 | Mouth | 17,28N,18W | Webster | | | x | x | | | B | | | |
| Terre Bleue Cr. | P | 6.3 | Mouth | Sur | St. Francois | | | x | x | x | | A | | | |
| | | | | 2107,37N,5E | | | | | | | | | | | |
| Terre Bleue Cr. | C | 6.0 | Sur | Sur | St. Francois | | | x | x | | | B | | | |
| | | | | 2107,37N,5E | | | | | | | | | | | |
| Terrell Cr. | P | 1.0 | Mouth | 2,27N,23W | Christian | | | x | x | | x | B | | | |
| Terrell Cr. | P | 3.7 | 2,27N,23W | 5,27N,23W | Christian | | | x | x | | | B | | | |
| Terrell Cr. | C | 1.0 | 5,27N,23W | 6,27N,23W | Christian | | | x | x | | | B | | | |
| Terrell Cr. | P | 1.0 | 6,27N,23W | 1,27N,24W | Christian | | | x | x | | | B | | | |
| Thief Cr. | C | 3.6 | Mouth | 12,66N,16W | Schuyler | | | x | x | | | B | | | |
| Third Cr. | P | 4.5 | Mouth | 5,42N,6W | Osage | Gasconade | | x | x | | | B | | | |
| Third Cr. | C | 6.5 | 5,42N,6W | 7,42N,5W | Gasconade | | | x | x | | | B | | | |
| Third Fk. Platte R. | C | 33.7 | Mouth | 25,61N,33W | Buchanan | Gentry | | x | x | | | B | x | | |
| Thomas Cr. | C | 8.8 | Mouth | 3,35N,20W | Hickory | Dallas | | x | x | | | B | | | |
| Thompson Br. | C | 1.0 | Mouth | 1,62N,31W | Gentry | | | x | x | | | B | | | |
| Thompson Br. | C | 0.5 | Mouth | 5,47N,14W | Moniteau | | | x | x | | | B | | | |
| Thompson Cr. | C | 1.6 | Mouth | 12,59N,27W | Daviess | | | x | x | | | B | | | |
| Thompson R. | P | 70.6 | Mouth | State Line | Livingston | Harrison | x | x | x | | | B | | x | |
| Three Hill Cr. | C | 4.4 | Mouth | 7,37N,4E | St. Francois | | | x | x | | | B | x | | |
| Threemile Cr. | C | 2.4 | Mouth | 21,40N,4W | Franklin | Crawford | | x | x | | | B | | | |
| Thurman Cr. | P | 3.0 | Mouth | 30,27N,32W | Newton | | | x | x | | | B | | | |
| Tick Cr. | C | 4.4 | Mouth | 28,38N,9W | Phelps | | | x | x | | | | x | | |
| Tiff Cr. | P | 2.1 | Mouth | 04,38N,04E | Jefferson | | | x | x | | | B | | | |
| Tiger Fk. | C | 14.0 | Mouth | 10,59N,10W | Shelby | | | x | x | | | B | | | |
| Tobin Cr. | C | 8.0 | Mouth | 34,65N,12W | Scotland | | | x | x | | | B | | | |
| Toby Hollow | C | 1.7 | Mouth | Toby Sprg. | Camden | | | x | x | | | B | | | |
| Todd Cr. | C | 9.9 | Mouth | 15,52N,34W | Platte | | | x | x | | | B | x | | |
| Todd Hollow | C | 0.5 | Mouth | 34,35N,3W | Crawford | | | x | x | | | B | | | |
| Todd Hollow | C | 1.0 | Mouth | 3,36N,2W | Crawford | | | x | x | | | B | | | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption

CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|----------------------------------|-------|-------|------------|--------------|----------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Tombstone Cr. | P | 2.7 | Mouth | 26,62N,26W | Harrison | | | x | x | | | B | | | |
| Tombstone Cr. | C | 3.9 | 26,62N,26W | 28,62N,26W | Harrison | | | x | x | | | | | x | |
| Toms Cr. | C | 2.2 | Mouth | 10,32N,2W | Reynolds | | | x | x | | | | | x | |
| Tory Cr. | P | 2.8 | Mouth | 27,26N,22W | Stone | Christian | | x | x | | x | B | | | |
| Town Br. | P | 0.8 | Mouth | 13,36N,1W | Washington | | | x | x | | | B | | | |
| Town Br. | C | 1.8 | 13,36N,1W | 18,36N,1E | Washington | | | x | x | | | B | | | |
| Town Br. | P | 2.5 | Mouth | 12,33N,23W | Polk | | | x | x | | | B | | | |
| Townsend Slough | C | 1.7 | Mouth | 21,37N,32W | Vernon | | | x | x | | | B | | | |
| Towstring Cr. | C | 7.7 | Mouth | 20,56N,22W | Livingston | | | x | x | | | B | | | |
| Tr. to Blue Shawnee Cr. | C | 1.8 | Mouth | 21,33N,13E | Cape Girardeau | | | x | x | | | B | | | |
| Tr. to Bois Brule Ditch | C | 1.0 | Mouth | Sur | Perry | | | x | x | | | B | | | |
| | | | | 1870,36N,11E | | | | | | | | | | | |
| Tr. to Isle du Bois Cr. | C | 1.0 | Mouth | 14,39N,6E | Ste. Genevieve | | | x | x | | | B | | | |
| Tr. to N. Pr. Beaverdam Cr. | C | 1.0 | Mouth | 19,25N,4E | Ripley | | | x | x | | | B | | | |
| Tr. to O. Ch. Nishnabotna R. | C | 0.9 | Mouth | 17,64N,41W | Atchison | | | x | x | | | B | | | |
| Tr. to O. Ch. Nishnabotna R. | C | 2.0 | Mouth | 30,66N,41W | Atchison | | | x | x | | | B | | | |
| Tr. to Woods Fk. Gasconade | C | 2.3 | 2,29N,16W | 15,29N,16W | Wright | | | x | x | | | B | | | |
| Trace Cr. | P | 1.3 | Mouth | 1,35N,1W | Washington | | | x | x | | | B | | | |
| Trace Cr. | C | 1.3 | 1,35N,1W | 6,35N,1E | Washington | | | x | x | | | B | | | |
| Trace Cr. | C | 6.2 | Mouth | 29,32N,6E | Madison | | | x | x | | | B | | | |
| Trace Cr. | P | 4.0 | Mouth | 4,30N,8E | Wayne | Bollinger | | x | x | | x | B | | | |
| Trace Cr. | C | 3.4 | 4,30N,8E | 26,31N,8E | Bollinger | Madison | | x | x | | | B | | | |
| Trail Cr. | C | 4.0 | Mouth | 10,24N,12W | Ozark | | | x | x | | | B | | | |
| Trail Cr. | P | 4.7 | Mouth | Hwy. 136 | Harrison | | | x | x | | | B | | | |
| Trail Cr. | C | 5.0 | Hwy. 136 | 19,64N,26W | Harrison | | | x | x | | | B | | | |
| Trib to Bates Cr. | C | 1.0 | Mouth | 16,37N,02E | Washington | | | x | x | | | B | | | |
| Trib to Coon Cr. | C | 0.5 | Mouth | 2,45N,22W | Pettis | | | x | x | | | | | x | |
| Trib to Coon Cr. | C | 1.8 | Mouth | 12,45N,22W | Pettis | | | x | x | | | | | x | |
| Trib to Crabapple Cr. | C | 1.3 | Mouth | 2,53N,26W | Ray | | | x | x | | | B | | | |
| Trib to E. Fk Postoak Cr. | C | 2.0 | Mouth | 34,45N,26W | Johnson | | | x | x | | | B | | | |
| Trib to E. Fk Postoak Cr. | C | 3.9 | Mouth | 23,44N,26W | Johnson | | | x | x | | | B | | | |
| Trib to L. Whitewater Cr. | C | 1.0 | 16,33N,9E | 17,33N,9E | Bollinger | | | x | x | | | B | | | |
| Trib to Pomme de Terre Res. | C | 1.5 | Mouth | 30,36N,22W | Hickory | | | x | x | | | B | | | |
| Trib to Roubidoux Cr. | C | 3.6 | Mouth | 7,33N,11W | Pulaski | Texas | | x | x | | | B | | | |
| Trib to trib to Bois Brule Ditch | C | 1.6 | 9,36N,11E | Sur | Perry | | | x | x | | | | | x | |
| | | | | 147,37N,11E | | | | | | | | | | | |
| Trib to Trib. to S. Moreau Cr. | C | 1.2 | Mouth | 30,43N,15W | Moniteau | | | x | x | | | B | | | |
| Trib. Headwater Div. | C | 1.0 | 31,30N,12E | 36,30N,11E | Cape Girardeau | | | x | x | | | B | | | |
| Trib. Headwater Div. | P | 1.5 | Mouth | 31,30N,12E | Cape Girardeau | | | x | x | | | B | | | |
| Trib. M. Fk. Big Cr. | C | 1.6 | Mouth | 24,31N,6E | Madison | | | x | x | | | B | | | |
| Trib. M. Fk. Grand R. | C | 1.4 | Mouth | State Line | Worth | | | x | x | | | B | | | |
| Trib. M. Fk. Salt R. | C | 1.0 | Mouth | 22,59N,14W | Macon | | | x | x | | | B | | | |
| Trib. M. Fk. Tebo Cr. | C | 1.7 | 19,43N,24W | 17,43N,24W | Henry | | | x | x | | | B | | | |
| Trib. M. Fk. Tebo Cr. | C | 0.5 | 9,43N,24W | 3,43N,24W | Henry | | | x | x | | | B | | | |
| Trib. M. Fk. Tebo Cr. | C | 0.5 | Mouth | 5,43N,24W | Henry | | | x | x | | | B | | | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption
CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|---------------------------|-------|-------|-------|-------------------|-------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Trib. M. Fk. Tebo Cr. | C | 3.1 | Mouth | 36,44N,25W | Henry | | | x | x | | | B | | | |
| Trib. Old Mines Cr. | C | 1.5 | Mouth | 32,39N,3E | Washington | | | x | x | | | B | | | |
| Trib. to Alley Br. | C | 1.6 | Mouth | 22,29N,5W | Shannon | | | x | x | | | B | | | |
| Trib. to Apple Cr. | C | 4.7 | Mouth | Hwy. 51 | Perry | | | x | x | | | B | | | |
| Trib. to Apple Cr. | C | 2.1 | Mouth | 16,34N,10E | Perry | | | x | x | | | B | | | |
| Trib. to Atwell Cr. | C | 3.2 | Mouth | 05,38N,11W | Miller | Maries | | x | x | | | B | | | |
| Trib. to Baileys Cr. | C | 0.8 | Mouth | 06,45N,06W | Gasconade | | | x | x | | | B | | | |
| Trib. to Baileys Cr. | P | 0.8 | Mouth | 32,45N,07W | Osage | | | x | x | | | B | | | |
| Trib. to Baileys Cr. | C | 0.5 | Mouth | 27,45N,7W | Osage | | | x | x | | | B | | | |
| Trib. to Barkers Cr. | C | 1.0 | Mouth | 15,42N,24W | Henry | | | x | x | | | B | | | |
| Trib. to Barn Hollow | C | 1.3 | Mouth | 4,27N,7W | Texas | Howell | | x | x | | | B | | | |
| Trib. to Barren Fk. | C | 1.0 | Mouth | 31,39N,13W | Miller | | | x | x | | | B | | | |
| Trib. to Barren Fork | C | 1.5 | Mouth | 36,44N,05W | Gasconade | | | x | x | | | B | | | |
| Trib. to Basin Fk. | C | 3.7 | Mouth | 23,44N,23W | Pettis | | | x | x | | | B | | | |
| Trib. to Basin Fk. | C | 3.1 | Mouth | 36,45N,23W | Pettis | | | x | x | | | B | | | |
| Trib. to Bauer Br. | C | 3.0 | Mouth | 28,43N,21W | Benton | | | x | x | | | B | | | |
| Trib. to Bean Cr. | C | 0.6 | Mouth | 9,32N,8W | Texas | | | x | x | | | B | x | | |
| Trib. to Beaver Cr. | C | 1.0 | Mouth | 25,29N,12W | Texas | | | x | x | | | B | | | |
| Trib. to Beaver Cr. | C | 1.0 | Mouth | 23,24N,18W | Taney | | | x | x | | | B | | | |
| Trib. to Beaverdam Cr. | C | 0.7 | Mouth | 25,47N,23W | Pettis | | | x | x | | | B | | | |
| Trib. to Beaverdam Cr. | C | 0.8 | Mouth | 24,47N,23W | Pettis | | | x | x | | | B | | | |
| Trib. to Bee Cr. | C | 1.8 | Mouth | 3,54N,35W | Platte | | | x | x | | | B | | | |
| Trib. to Beeler Br. | C | 1.4 | Mouth | 29,28N,10W | Texas | | | x | x | | | B | | | |
| Trib. to Benton Cr. | P | 0.7 | Mouth | 5,36N,5W | Crawford | | | x | x | | | B | | | |
| Trib. to Big Berger Cr. | C | 0.8 | Mouth | 35,45N,4W | Franklin | | | x | x | | | B | | | |
| Trib. to Big Br. | C | 1.2 | Mouth | 14,44N,04W | Franklin | | | x | x | | | B | | | |
| Trib. to Big Buffalo Cove | C | 0.8 | Mouth | 35,41N,20W | Benton | | | x | x | | | B | | | |
| Trib. to Big Buffalo Cr. | C | 0.6 | Mouth | 12,41N,20W | Benton | | | x | x | | | B | | | |
| Trib. to Big Cr. | C | 3.0 | Mouth | 4,29N,8W | Texas | | | x | x | | | B | | | |
| Trib. to Big Cr. | C | 2.2 | Mouth | 2,29N,8W | Texas | | | x | x | | | B | | | |
| Trib. to Big Cr. | C | 1.0 | Mouth | 24,31N,3E | Iron | | | x | x | | | B | | | |
| Trib. to Big Cr. | C | 1.4 | Mouth | 35,32N,3E | Iron | | | x | x | | | B | | | |
| Trib. to Big Lake Bayou | C | 3.1 | Mouth | 19,27N,16E | Mississippi | | | x | x | | | B | | | |
| Trib. to Big Otter Cr. | C | 1.0 | Mouth | 32,40N,25W | Henry | | | x | x | | | B | | | |
| Trib. to Big R. | C | 1.0 | Mouth | 26,39N,3E | Washington | | | x | x | | | | x | | |
| Trib. to Big R. | C | 1.0 | Mouth | 2,36N,3E | Washington | | | x | x | | | B | | | |
| Trib. to Big R. | C | 0.5 | Mouth | LG 2150,36N,2E | Washington | | | x | x | | | B | | x | |
| Trib. to Billies Cr. | C | 2.1 | Mouth | 10,29N,25W | Lawrence | | | x | x | | | B | | | |
| Trib. to Bird Br. | C | 0.6 | Mouth | 14,41N,22W | Benton | | | x | x | | | | | | |
| Trib. to Black R. | C | 2.0 | Mouth | 11,30N,2E | Reynolds | | | x | x | | | B | | | |
| Trib. to Blackwater R. | C | 1.1 | Mouth | 24,48N,22W | Saline | Pettis | | x | x | | | B | | | |
| Trib. to Blackwater R. | C | 0.7 | Mouth | 19,48N,22W | Saline | Pettis | | x | x | | | B | | | |
| Trib. to Blackwater R. | C | 0.5 | Mouth | 21,48N,23W | Pettis | | | x | x | | | B | | | |
| Trib. to Blackwater R. | C | 1.7 | Mouth | 29,48N,23W | Pettis | | | x | x | | | B | | | |
| Trib. to Boeuf Cr. | C | 1.5 | Mouth | 35,45N,3W | Franklin | | | x | x | | | B | | | |
| Trib. to Boeuf Cr. | C | 1.5 | Mouth | 17,44N,3W | Franklin | | | x | x | | | B | | | |
| Trib. to Boeuf Cr. | C | 1.2 | Mouth | 17,44N,2W | Franklin | | | x | x | | | B | | | |
| Trib. to Boeuf Cr. | C | 0.2 | Mouth | 12,43N,04W | Franklin | | | x | x | | | B | | | |
| Trib. to Boeuf Cr. | C | 1.3 | Mouth | 08,42N,04W | Gasconade | | | x | x | | | B | | | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption

CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery
SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|----------------------------|-------|-------|------------|----------------------------|----------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Trib. to Bois Brule Cr. | C | 0.9 | Mouth | 15,42N,13W | Cole | | | x | x | | | B | | | |
| Trib. to Bois Brule Cr. | C | 0.7 | Mouth | 24,42N,13W | Cole | | | x | x | | | B | | | |
| Trib. to Bois Brule Ditch | P | 1.7 | Mouth | 4,36N,11E | Perry | | | x | x | | | B | | | |
| Trib. to Boone Cr. | C | 0.3 | Mouth | 15,40N,03W | Crawford | | | x | x | | | B | | | |
| Trib. to Bourbeuse R. | C | 2.0 | 14,40N,06W | Hwy. B | Gasconade | | | x | x | | | B | | | |
| Trib. to Bourbeuse R. | P | 0.2 | Mouth | 14,40N,06W | Gasconade | | | x | x | | | B | | | |
| Trib. to Brazeau Cr. | P | 2.2 | Mouth | 7,34N,13E | Perry | | | x | x | | | B | | | |
| Trib. to Brazeau Cr. | C | 1.0 | 7,34N,13E | 12,34N,12E | Perry | | | x | x | | | B | | | |
| Trib. to Brewers Cr. | C | 0.5 | Mouth | 19,34N,5E | Madison | | | x | x | | | B | | | |
| Trib. to Brock Cr. | C | 1.0 | Mouth | 35,36N,1E | Washington | | | x | x | | | B | | | |
| Trib. to Brush Cr. | C | 1.9 | Mouth | 15,42N,23W | Benton | | | x | x | | | B | | | |
| Trib. to Brush Cr. | C | 1.7 | Mouth | 24,42N,9W | Osage | | | x | x | | | B | | | |
| Trib. to Brush Cr. | C | 1.5 | Mouth | 19,42N,8W | Osage | | | x | x | | | B | | | |
| Trib. to Brush Cr. | C | 1.0 | Mouth | 34,40N,5W | Crawford | | | x | x | | | B | | | |
| Trib. to Brush Cr. | C | 1.0 | Mouth | 25,40N,5W | Crawford | | | x | x | | | B | | | |
| Trib. to Brush Cr. | C | 1.4 | Mouth | 30,36N,25W | St. Clair | | | x | x | | | B | | | |
| Trib. to Brush Cr. | C | 0.4 | Mouth | 28,36N,25W | St. Clair | | | x | x | | | B | | | |
| Trib. to Brush Cr. | C | 0.1 | Mouth | 26,39N,05W | Crawford | | | x | x | | | B | | | |
| Trib. to Brush Cr. | C | 1.0 | Mouth | 34,43N,14W | Cole | | | x | x | | | B | | | |
| Trib. to Brush Cr. | C | 1.0 | Mouth | 14,35N,24W | Polk | | | x | x | | | B | x | | |
| Trib. to Bryant Cr. | C | 1.8 | Mouth | 14,24N,13W | Ozark | | | x | x | | | B | | | |
| Trib. to Bryants Cr. | C | 3.0 | Mouth | 17,51N,1E | Lincoln | | | x | x | | | B | | | |
| Trib. to Bryants Cr. | C | 1.7 | Mouth | 20,51N,1E | Lincoln | | | x | x | | | B | | | |
| Trib. to Bucklick Cr. | C | 1.5 | Mouth | 24,44N,3W | Franklin | | | x | x | | | B | | | |
| Trib. to Bucklick Cr. | C | 1.3 | Mouth | 29,44N,2W | Franklin | | | x | x | | | B | | | |
| Trib. to Burris Fk. | C | 0.5 | Mouth | 3,43N,16W | Moniteau | | | x | x | | | B | | | |
| Trib. to Burris Fk. | C | 0.5 | Mouth | 34,44N,16W | Moniteau | | | x | x | | | B | | | |
| Trib. to Busch Cr. | C | 3.0 | Mouth | 34,44N,1W | Franklin | | | x | x | | | | | x | |
| Trib. to Busch Cr. | C | 1.8 | Mouth | 35,44N,1W | Franklin | | | x | x | | | B | x | | |
| Trib. to Butcher Cr. | C | 1.0 | Mouth | 22,48N,1E | Lincoln | | | x | x | | | B | | | |
| Trib. to Byrd Cr. | C | 1.0 | Mouth | Sur | Cape Girardeau | | | x | x | | | B | | | |
| Trib. to Calico Cr. | C | 2.0 | Mouth | 2236,32N,12E LG | Washington | | | x | x | | | B | x | | |
| Trib. to Camp Br. | C | 1.0 | Mouth | 3022,29N,2E 24,45N,22W | Pettis | | | x | x | | | B | | | |
| Trib. to Camp Br. | C | 0.7 | Mouth | 23,45N,22W | Pettis | | | x | x | | | B | | | |
| Trib. to Camp Br. | C | 0.8 | Mouth | 29,45N,22W | Pettis | | | x | x | | | B | | | |
| Trib. to Camp Cr. | C | 1.1 | Mouth | 20,36N,6E | St. Francois | | | x | x | | | B | | | |
| Trib. to Cane Cr. | P | 1.3 | Mouth | Sur | Cape Girardeau | | | x | x | | | B | | | |
| Trib. to Cane Cr. | C | 0.8 | Mouth | 2138,32N,12E 10,26N,4E | Butler | | | x | x | | | B | | | |
| Trib. to Cane Cr. | C | 1.0 | Mouth | 8,26N,4E | Butler | | | x | x | | | B | | | |
| Trib. to Cane Cr. | C | 1.2 | Mouth | 35,26N,4E | Butler | | | x | x | | | B | | | |
| Trib. to Caney Cr. | C | 1.9 | Mouth | 12,24N,17W | Taney | | | x | x | | | A | | | |
| Trib. to Cape La Croix Cr. | C | 1.7 | Sur | 11,31N,13E | Cape Girardeau | | | x | x | | | | | x | |
| Trib. to Capps Cr. | P | 1.0 | Mouth | 3314,31N,13E 14,25N,29W | Newton | | | x | x | | | B | | | |
| Trib. to Castile Cr. | C | 1.2 | Mouth | 3,56N,32W | Clinton | | | x | x | | | B | | | |
| Trib. to Castor R. | P | 1.8 | Mouth | 5,28N,9E | Bollinger | | | x | x | | | B | | | |
| Trib. to Castor R. | C | 0.5 | 5,28N,9E | Hwy. 51 | Bollinger | | | x | x | | | B | | | |

IRR-LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption
CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|---|-------|-------|------------|------------------------------|----------------|----------|-----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Trib. to Castor R. | C | 1.5 | Mouth | 16,28N,10E | Bollinger | Stoddard | x | x | | | | B | | | |
| Trib. to Castor R. | C | 1.0 | Mouth | 25,34N,7E | Madison | | x | x | | | | B | | | |
| Trib. to Castor R. | P | 3.0 | Mouth | 23,34N,7E | Madison | | x | x | | | | B | | | |
| Trib. to Cedar Cr. | C | 0.5 | Mouth | 32,46N,11W | Callaway | | x | x | | | | B | | | |
| Trib. to Cedar Cr. | C | 1.6 | Mouth | 31,23N,18W | Taney | | x | x | | | | B | x | | |
| Trib. to Center Cr. | C | 1.0 | Mouth | 21,27N,29W | Newton | | x | x | | | | B | | | |
| Trib. to Cherry Valley Cr. | C | 1.2 | Mouth | 9,37N,3W | Crawford | | x | x | | | | B | | | |
| Trib. to Clark Fk. | C | 0.5 | Mouth | 15,47N,16W | Cooper | | x | x | | | | | x | | |
| Trib. to Clear Cr. | C | 1.0 | Mouth | 21,36N,2E | Washington | | x | x | | | | B | | | |
| Trib. to Clear Cr. | C | 0.4 | Mouth | 23,44N,25W | Johnson | | x | x | | | | B | | | |
| Trib. to Clear Cr. | C | 1.6 | Mouth | 26,39N,06W | Phelps | | x | x | | | | B | | | |
| Trib. to Clear Cr. | C | 1.7 | Mouth | 05,34N,30W | Vernon | | x | x | | | | B | | | |
| Trib. to Clear Cr. | C | 0.9 | Mouth | 28,42N,23W | Benton | | x | x | | | | B | | | |
| Trib. to Clear Cr. | C | 1.8 | Mouth | 32,34N,30W | Vernon | | x | x | | | | B | | | |
| Trib. to Clear Cr. | C | 2.2 | Mouth | 15,54N,31W | Clinton | | x | x | | | | B | | | |
| Trib. to Clear Cr. | C | 0.9 | Mouth | 19,36N,2E | Washington | | x | x | | | | B | x | | |
| Trib. to Clear Fk. | C | 0.8 | Mouth | 15,44N,25W | Johnson | | x | x | | | | | x | | |
| Trib. to Clear Fk. | C | 2.0 | Mouth | 04,44N,25W | Johnson | | x | x | | | | B | | | |
| Trib. to Coon Cr. | C | 2.0 | Mouth | 32,54N,13W | Randolph | | x | x | | | | B | | | |
| Trib. to Coopers Cr. | C | 3.2 | Mouth | 4,39N,26W | St. Clair | | x | x | | | | B | | | |
| Trib. to Courtois Cr. | C | 1.2 | Mouth | 31,37N,1W | Washington | | x | x | | | | B | | | |
| Trib. to Courtois Cr. | C | 0.5 | Mouth | 16,36N,1W | Washington | | x | x | | | | B | x | | |
| Trib. to Courtois Cr. | C | 0.5 | Mouth | 16,36N,1E | Washington | | x | x | | | | B | | | |
| Trib. to Crane Cr. | C | 0.9 | Mouth | 14,36N,21W | Hickory | | x | x | | | | B | | | |
| Trib. to Crane Cr. | C | 0.8 | Mouth | 15,36N,21W | Hickory | | x | x | | | | B | | | |
| Trib. to Crane Cr. | C | 1.9 | Mouth | 2,36N,21W | Hickory | | x | x | | | | B | | | |
| Trib. to Crane Cr. | C | 1.0 | Mouth | 29,37N,21W | Hickory | | x | x | | | | B | | | |
| Trib. to Crane Cr. | C | 0.2 | Mouth | 01,36N,21W | Hickory | | x | x | | | | B | | | |
| Trib. to Crane Cr. | C | 0.4 | Mouth | 01,36N,21W | Hickory | | x | x | | | | B | | | |
| Trib. to Crane Cr. | C | 0.1 | Mouth | 31,37N,21W | Hickory | | x | x | | | | B | | | |
| Trib. to Crider Cr. | C | 0.9 | Mouth | 11,41N,7W | Osage | | x | x | | | | B | | | |
| Trib. to Crooked Cr. | C | 1.0 | Mouth | 31,37N,4W | Crawford | | x | x | | | | B | | | |
| Trib. to Crooked Cr. | P | 1.0 | Mouth | Lk Girardeau Dam | Cape Girardeau | | x | x | | | | B | | | |
| Trib. to Crooked Cr. | C | 1.5 | 9,30N,11E | 5,30N,11E | Cape Girardeau | | x | x | | | | B | | | |
| Trib. to Crooked Cr. | C | 1.0 | Mouth | 14,30N,10E | Bollinger | | x | x | | | | B | | | |
| Trib. to Crooked Cr. | C | 0.7 | Mouth | 32,30N,11E | Cape Girardeau | | x | x | | | | B | | | |
| Trib. to Cub Cr. | C | 1.9 | Mouth | 17,35N,1E | Washington | | x | x | | | | B | | | |
| Trib. to Davis Cr. | C | 3.0 | Mouth | 3,61N,38W | Holt | | x | x | | | | | x | | |
| Trib. to Deer Cr. | P | 1.0 | Mouth | 33,45N,08W | Osage | | x | x | | | | B | | | |
| Trib. to Deer Cr. | C | 1.9 | 33,45N,08W | 04,44N,08W | Osage | | x | x | | | | B | | | |
| Trib. to Deer Cr. | P | 0.3 | Mouth | 06,39N,20W | Benton | | x | x | | | | B | | | |
| Trib. to Deer Cr. | P | 0.8 | Mouth | 28,40N,20W | Benton | | x | x | | | | B | | | |
| Trib. to Dillard Cr. | C | 1.5 | Mouth | 20,31N,11E | Cape Girardeau | | x | x | | | | B | | | |
| Trib. to Dry Cr. | C | 1.0 | Mouth | 15,36N,3W | Crawford | | x | x | | | | B | | | |
| Trib. to Dry Cr. | C | 1.8 | Mouth | 36,37N,3W | Crawford | | x | x | | | | B | | | |
| Trib. to Dry Cr. | C | 4.8 | Mouth | 20,25N,9W | Howell | | x | x | | | | B | | | |
| Trib. to Dry Cr. | C | 2.2 | Mouth | 10,25N,9W | Howell | | x | x | | | | B | | | |
| Trib. to Dry Fork | C | 2.0 | Mouth | 34,37N,07W | Phelps | | x | x | | | | B | | | |
| Trib. to Dry Fork | C | 0.4 | Mouth | 27,38N,06W | Phelps | | x | x | | | | B | | | |
| | | | | | | | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
| IRR-Irrigation | | | | CLF (CLH)-Cool Water Fishery | | | SCR-Secondary Contact Recreation | | | | | | | | |
| LWW (LWP)-Livestock & Wildlife Watering | | | | CDF (CDH)-Cold Water Fishery | | | DWS-Drinking Water Supply | | | | | | | | |
| AQL (WWH, HHP)-Protection of Warm Water Aquatic Life, | | | | | | | WBC-Whole Body Contact Recreation | | | | | | | | |
| Human Health-Fish Consumption | | | | | | | IND-Industrial | | | | | | | | |

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|-------------------------------|-------|-------|------------|-------------------|----------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Trib. to Dunn Spring Cr. | C | 1.5 | Mouth | Sur 976,44N,1E | Franklin | | | x | x | | | B | | | |
| Trib. to E. Brush Cr. | C | 0.5 | Mouth | 3,45N,15W | Moniteau | | | x | x | | | B | | | |
| Trib. to E. Fk. Crooked R. | C | 4.8 | Mouth | 24,54N,28W | Ray | | | x | x | | | B | | | |
| Trib. to E. Fk. Huzzah Cr. | C | 1.0 | Mouth | 30,34N,2W | Dent | | | x | x | | | B | | | |
| Trib. to E. Fk. L. Blue R. | P | 1.9 | Mouth | Lk. Tapawingo Dam | Jackson | | | x | x | | | B | | | |
| Trib. to E. Fk. Lost Cr. | P | 1.0 | Mouth | 2,27N,7E | Wayne | | | x | x | | | B | | | |
| Trib. to E. Fk. Lost Cr. | C | 1.0 | 2,27N,7E | 2,27N,7E | Wayne | | | x | x | | | B | | | |
| Trib. to E. Fk. Rock Cr. | C | 1.0 | Mouth | 18,22N,25W | Barry | | | x | x | | | B | | | |
| Trib. to E. Fk. Rock Cr. | C | 1.0 | Mouth | 11,22N,26W | Barry | | | x | x | | | B | | | |
| Trib. to E. Fk. Sni-a-bar | C | 3.8 | Mouth | 22,48N,28W | Lafayette | | | x | x | | | B | | | |
| Trib. to E. Fk. Sni-a-bar | C | 2.7 | Mouth | 19,48N,28W | Lafayette | | | x | x | | | B | | | |
| Trib. to East Cr. | C | 1.3 | Mouth | 32,46N,32W | Cass | | | x | x | | | B | | | |
| Trib. to Edmondson Cr. | C | 3.1 | Mouth | 15,52N,20W | Saline | | | x | x | | | B | | | |
| Trib. to Elk Br. | C | 0.2 | Mouth | 32,46N,22W | Pettis | | | x | x | | | B | | | |
| Trib. to Elk Cr. | P | 2.0 | Mouth | 25,29N,10W | Texas | | | x | x | | | B | x | | |
| Trib. to Elk Fk. | C | 0.2 | Mouth | 16,44N,23W | Pettis | | | x | x | | | B | | | |
| Trib. to Factory Cr. | P | 0.5 | Mouth | 2,46N,14W | Moniteau | | | x | x | | | B | | | |
| Trib. to Factory Cr. | C | 0.5 | 2,46N,14W | 35,47N,14W | Moniteau | | | x | x | | | B | | | |
| Trib. to Factory Cr. | C | 0.9 | Mouth | 29,47N,14W | Moniteau | | | x | x | | | B | x | | |
| Trib. to First Cr. | C | 2.0 | Mouth | 28,45N,5W | Gasconade | | | x | x | | | B | | | |
| Trib. to Flat Cr. | C | 2.2 | Mouth | 26,22N,28W | Barry | | | x | x | | | B | | | |
| Trib. to Flat Cr. | C | 3.2 | Mouth | 15,45N,20W | Pettis | | | x | x | | | B | x | | |
| Trib. to Flat Cr. | C | 1.8 | Mouth | 18,45N,20W | Pettis | | | x | x | | | B | | | |
| Trib. to Flat Cr. | C | 1.5 | Mouth | 18,45N,21W | Pettis | | | x | x | | | B | | | |
| Trib. to Flat Cr. | C | 1.8 | Mouth | 24,45N,22W | Pettis | | | x | x | | | B | | | |
| Trib. to Flat Cr. | C | 0.9 | Mouth | 10,44N,22W | Pettis | | | x | x | | | B | | | |
| Trib. to Flat Cr. | C | 1.4 | Mouth | 19,44N,22W | Pettis | | | x | x | | | B | | | |
| Trib. to Flat Cr. | C | 2.7 | Mouth | 07,43N,22W | Pettis | | | x | x | | | B | | | |
| Trib. to Flat Cr. | C | 1.0 | Mouth | 14,43N,23W | Pettis | Benton | | x | x | | | B | | | |
| Trib. to Fleck Cr. | C | 2.5 | Mouth | 28,32N,33W | Barton | | | x | x | | | B | | | |
| Trib. to Fourche a DuClos Cr. | C | 1.0 | Mouth | 31,38N,7E | Ste. Genevieve | | | x | x | | | B | | | |
| Trib. to Frene Cr. | C | 0.5 | Mouth | 10,45N,5W | Gasconade | | | x | x | | | B | | | |
| Trib. to Gasconade R. | C | 2.2 | Mouth | 24,44N,7W | Gasconade | Osage | | x | x | | | B | | | |
| Trib. to Gasconade R. | C | 0.5 | 26,29N,16W | 34,29N,16W | Wright | | | x | x | | | B | | | |
| Trib. to Gasconade R. | C | 1.4 | Mouth | 2,38N,9W | Phelps | | | x | x | | | B | | | |
| Trib. to Gizzard Cr. | C | 1.0 | Mouth | 1,29N,10E | Bollinger | | | x | x | | | B | | | |
| Trib. to Goose Cr. | C | 3.0 | Mouth | 18,28N,25W | Lawrence | | | x | x | | | B | | | |
| Trib. to Goose Pond Ditch | C | 1.0 | Mouth | 4,26N,9E | Stoddard | | | x | x | | | B | | | |
| Trib. to Greasy Cr. | C | 2.0 | Mouth | 15,21N,29W | Barry | | | x | x | | | B | | | |
| Trib. to Greedy Cr. | P | 0.2 | Mouth | Hwy B | Gasconade | | | x | x | | | B | | | |
| Trib. to Grindstone Cr. | C | 1.0 | Mouth | 9,57N,30W | DeKalb | | | x | x | | | B | | | |
| Trib. to Hamilton Cr. | C | 0.9 | Mouth | 29,40N,1W | Washington | | | x | x | | | B | | | |
| Trib. to Haw Cr. | P | 1.0 | Mouth | 19,43N,19W | Morgan | | | x | x | | | B | | | |
| Trib. to Haw Cr. | C | 1.0 | Mouth | 26,43N,20W | Benton | | | x | x | | | B | | | |
| Trib. to Hazel Cr. | C | 0.8 | Mouth | 22,36N,1E | Washington | | | x | x | | | B | | | |
| Trib. to Heaths Cr. | C | 3.9 | Mouth | 28,47N,22W | Pettis | | | x | x | | | B | | | |
| Trib. to Heaths Cr. | C | 2.0 | Mouth | 20,47N,22W | Pettis | | | x | x | | | B | | | |
| Trib. to Heaths Cr. | C | 1.1 | Mouth | 08,47N,21W | Pettis | | | x | x | | | B | | | |

IRR-LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption
CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|--------------------------|-------|-------|-----------|------------|----------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Trib. to Heaths Cr. | C | 0.5 | Mouth | 32,48N,21W | Pettis | Benton | x | x | | | | B | | | |
| Trib. to Henry Cr. | C | 1.2 | Mouth | 31,44N,21W | Pettis | | x | x | | | | B | | | |
| Trib. to Hess Cr. | C | 0.7 | Mouth | 18,47N,21W | Pettis | | x | x | | | | B | | | |
| Trib. to Hickory Cr. | C | 0.6 | Mouth | 9,60N,25W | Grundy | | x | x | | | | B | | | |
| Trib. to Higgins Cr. | C | 0.5 | Mouth | 34,43N,12W | Cole | | x | x | | | | B | | | |
| Trib. to High Cr. | C | 2.0 | Mouth | 14,66N,41W | Atchison | | x | x | | | | B | | | |
| Trib. to Hinch Cr. | C | 1.0 | Mouth | 34,39N,2W | Crawford | | x | x | | | | B | | | |
| Trib. to Hinkson Cr. | C | 0.5 | Mouth | 2,49N,12W | Boone | | x | x | | | | B | | | |
| Trib. to Hogan Fk. | C | 2.0 | Mouth | 13,44N,27W | Johnson | | x | x | | | | B | | | |
| Trib. to Hogles Cr. | C | 1.0 | Mouth | 26,39N,24W | St. Clair | | x | x | | | | B | | | |
| Trib. to Hogles Cr. | C | 3.3 | Mouth | 22,37N,23W | Hickory | | x | x | | | | B | | | |
| Trib. to Hogles Cr. | C | 1.1 | Mouth | 32,39N,23W | Benton | | x | x | | | | B | | | |
| Trib. to Honey Run | C | 0.8 | Mouth | 6,38N,15W | Camden | | x | x | | | | B | | | |
| Trib. to Horse Cr. | C | 2.0 | Mouth | 29,32N,28W | Dade | | x | x | | | | B | | | |
| Trib. to Howell Cr. | C | 1.4 | Mouth | 12,23N,7W | Howell | | x | x | | | | B | | | |
| Trib. to Huzzah Cr. | C | 1.2 | Mouth | 26,38N,3W | Crawford | | x | x | | | | B | | | |
| Trib. to Huzzah Cr. | C | 1.6 | Mouth | 29,37N,2W | Crawford | | x | x | | | | B | | | |
| Trib. to Huzzah Cr. | C | 1.2 | Mouth | 17,35N,2W | Crawford | | x | x | | | | B | | | |
| Trib. to Huzzah Cr. | C | 1.0 | Mouth | 4,35N,2W | Crawford | | x | x | | | | B | | | |
| Trib. to Indian Cr. | C | 0.6 | Mouth | 6,40N,1E | Franklin | | x | x | | | | B | | | |
| Trib. to Indian Cr. | C | 2.5 | Mouth | 15,40N,1W | Washington | | x | x | | | | B | | | |
| Trib. to Indian Cr. | C | 1.1 | 27,35N,4E | 27,35N,04E | St. Francois | | x | x | | | | B | | | |
| Trib. to Indian Cr. | C | 0.3 | Mouth | 07,35N,01W | Washington | | x | x | | | | | x | | |
| Trib. to Indian Cr. | P | 0.9 | Mouth | 27,35N,4E | St. Francois | | x | x | | | | B | | | |
| Trib. to Indian Cr. | P | 0.1 | Mouth | 35,42N,21W | Benton | | x | x | | | | B | | | |
| Trib. to Indian Cr. | C | 1.9 | Mouth | 34,42N,20W | Benton | | x | x | | | | B | | | |
| Trib. to Indian Cr. | C | 0.2 | Mouth | 12,40N,01W | Franklin | | x | x | | | | B | | | |
| Trib. to Indian Cr. | C | 0.9 | Mouth | 21,40,9W | Maries | | x | x | | | | B | | | |
| Trib. to Indian Cr. | C | 0.4 | Mouth | 32,38N,03W | Washington | | x | x | | | | B | | | |
| Trib. to Indian Cr. | C | 0.5 | Mouth | 6,38N,1E | Washington | | x | x | | | | B | | x | |
| Trib. to James Cr. | C | 1.0 | Mouth | 22,35N,3W | Crawford | | x | x | | | | B | | | |
| Trib. to Jenkins Cr. | C | 1.8 | 7,27N,29W | 20,27N,29W | Jasper | Newton | x | x | | | | B | | | |
| Trib. to Joachim Cr. | C | 1.0 | Mouth | 10,39N,4E | Jefferson | | x | x | | | | B | | | |
| Trib. to Joachim Cr. | C | 2.3 | Mouth | 13,40N,4E | Jefferson | | x | x | | | | B | | x | |
| Trib. to Johns Cr. | C | 1.0 | Mouth | 23,36N,1W | Washington | | x | x | | | | B | | | |
| Trib. to Knobby Cr. | P | 0.9 | Mouth | 35,40N,20W | Benton | | x | x | | | | B | | | |
| Trib. to L. Apple Cr. | C | 0.5 | Mouth | 18,33N,12E | Cape Girardeau | | x | x | | | | B | | | |
| Trib. to L. Beaver Cr. | C | 2.3 | Mouth | 15,37N,8W | Phelps | | x | x | | | | | x | | |
| Trib. to L. Berger Cr. | C | 1.0 | Mouth | 4,45N,4W | Gasconade | | x | x | | | | B | | | |
| Trib. to L. Berger Cr. | C | 0.5 | Mouth | 18,45N,4W | Gasconade | | x | x | | | | B | | x | |
| Trib. to L. Boeuf Cr. | C | 0.3 | Mouth | 15,44N,2W | Franklin | | x | x | | | | B | | | |
| Trib. to L. Boeuf Cr. | C | 1.2 | Mouth | 11,44N,2W | Franklin | | x | x | | | | B | | | |
| Trib. to L. Bourbeuse R. | C | 1.2 | Mouth | 4,39N,4W | Crawford | | x | x | | | | B | | | |
| Trib. to L. Bourbeuse R. | C | 2.0 | Mouth | 4,39N,4W | Crawford | | x | x | | | | | x | | |
| Trib. to L. Bourbeuse R. | C | 0.1 | Mouth | 04,39N,07W | Maries | | x | x | | | | B | | | |
| Trib. to L. Bourbeuse R. | P | 1.4 | Mouth | 02,39N,04W | Crawford | | x | x | | | | B | | | |
| Trib. to L. Clear Cr. | C | 1.0 | Mouth | 2,36N,28W | St. Clair | | x | x | | | | B | | | |
| Trib. to L. Courtois Cr. | C | 0.5 | Mouth | 2,39N,1W | Washington | | x | x | | | | B | | x | |
| Trib. to L. Deer Cr. | C | 0.4 | Mouth | 24,39N,21W | Benton | | x | x | | | | B | | | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation

CLF (CLH)-Cool Water Fishery

SCR-Secondary Contact Recreation

LWW (LWP)-Livestock & Wildlife Watering

CDF (CDH)-Cold Water Fishery

DWS-Drinking Water Supply

AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,

WBC-Whole Body Contact Recreation

Human Health-Fish Consumption

IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|------------------------------|-------|-------|----------|-------------|------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Trib. to L. Dry Wood Cr. | C | 1.3 | Mouth | 02,34N,32W | Vernon | | x | x | | | | B | | | |
| Trib. to L. Finley Cr. | P | 2.0 | Mouth | 7,28N,17W | Webster | | x | x | | | | B | | | |
| Trib. to L. Indian Cr. | C | 1.0 | Mouth | 26,40N,1E | Washington | | x | x | | | | B | | | |
| Trib. to L. Indian Cr. | C | 0.5 | Mouth | 15,40N,1E | Franklin | Washington | x | x | | | | B | x | | |
| Trib. to L. Indian Cr. | C | 0.5 | Mouth | 26,50N,1E | Washington | | x | x | | | | B | x | | |
| Trib. to L. Maries Cr. | C | 1.5 | Mouth | 30,42N,10W | Osage | | x | x | | | | B | | | |
| Trib. to L. Maries R. | C | 0.5 | Mouth | 3,40N,10W | Maries | | x | x | | | | B | | | |
| Trib. to L. Maries R. | C | 0.9 | Mouth | 11,39N,11W | Maries | | x | x | | | | B | | | |
| Trib. to L. Maries R. | C | 1.8 | Mouth | 09,40N,10W | Maries | | x | x | | | | B | | | |
| Trib. to L. Maries R. | C | 0.1 | Mouth | 09,38N,11W | Maries | | x | x | | | | B | | | |
| Trib. to L. Mill Cr. | C | 0.6 | Mouth | 19,38N,21W | Hickory | | x | x | | | | B | | | |
| Trib. to L. Moniteau Cr. | C | 3.0 | Mouth | 11,45N,15W | Moniteau | | x | x | | | | B | | | |
| Trib. to L. Muddy Cr. | C | 2.5 | Mouth | 04,46N,22W | Pettis | | x | x | | | | B | | | |
| Trib. to L. Muddy Cr. | C | 2.9 | Mouth | 06,46N,22W | Pettis | | x | x | | | | B | | | |
| Trib. to L. Muddy Cr. | C | 1.0 | Mouth | 14,46N,22W | Pettis | | x | x | | | | B | | | |
| Trib. to L. N. Fk. Spring R. | C | 1.2 | Mouth | 29,31N,32W | Barton | | x | x | | | | B | | | |
| Trib. to L. Rocky Cr. | C | 1.0 | Mouth | 1,28N,3W | Shannon | | x | x | | | | B | | | |
| Trib. to L. Sandy Cr. | C | 2.1 | Mouth | Sur | Lincoln | | x | x | | | | B | | | |
| | | | | 1686,51N,1W | | | | | | | | | | | |
| Trib. to L. Splice Cr. | C | 1.0 | Mouth | 19,47N,14W | Moniteau | | x | x | | | | B | | | |
| Trib. to L. Tavern Cr. | C | 1.1 | Mouth | 27,40N,11W | Maries | | x | x | | | | B | | | |
| Trib. to L. Tavern Cr. | C | 1.3 | Mouth | 15,40N,11W | Maries | | x | x | | | | B | | | |
| Trib. to L. Tavern Cr. | C | 1.2 | Mouth | 22,40N,11W | Maries | | x | x | | | | B | | | |
| Trib. to L. Tebo Cr. | C | 1.5 | Mouth | 30,42N,22W | Benton | | x | x | | | | B | | | |
| Trib. to L. Tebo Cr. | C | 0.9 | Mouth | 21,42N,22W | Benton | | x | x | | | | B | | | |
| Trib. to L. Turkey Cr. | C | 1.4 | Mouth | 3,39N,22W | Benton | | x | x | | | | B | | | |
| Trib. to L. Weaubleau Cr. | C | 0.5 | Mouth | 12,36N,23W | Hickory | | x | x | | | | B | | | |
| Trib. to La Barque Cr. | P | 1.0 | Mouth | 4,42N,3E | Jefferson | | x | x | | | | B | | | |
| Trib. to Labadie Cr. | P | 1.6 | Mouth | 6,43N,2E | Franklin | | x | x | | | | B | | | |
| Trib. to Labadie Cr. | C | 0.5 | Mouth | 1,43N,1E | Franklin | | x | x | | | | | x | | |
| Trib. to Labadie Cr. | C | 1.0 | Mouth | 32,44N,2E | Franklin | | x | x | | | | B | | | |
| Trib. to Lake Cr. | C | 1.2 | Mouth | 17,43N,20W | Benton | | x | x | | | | B | | | |
| Trib. to Lake Cr. | C | 0.6 | Mouth | 09,43N,20W | Benton | | x | x | | | | B | | | |
| Trib. to Lake Cr. | C | 4.0 | Mouth | 02,43N,20W | Pettis | Benton | x | x | | | | B | | | |
| Trib. to Lake Niangua | C | 0.7 | Mouth | 19,37N,17W | Camden | | x | x | | | | B | | | |
| Trib. to Lake of Ozarks | C | 1.0 | Mouth | 17,40N,19W | Camden | | x | x | | | | B | | | |
| Trib. to Lake of Ozarks | C | 0.8 | Mouth | 5,39N,19W | Camden | | x | x | | | | B | | | |
| Trib. to Lake of Ozarks | C | 0.7 | Mouth | 11,39N,19W | Camden | | x | x | | | | B | | | |
| Trib. to Lick Cr. | C | 1.2 | Mouth | 34,39N,4W | Crawford | | x | x | | | | B | | | |
| Trib. to Lick Log Cr. | C | 1.0 | Mouth | 33,29N,8E | Bollinger | | x | x | | | | B | | | |
| Trib. to Lindley Cr. | C | 3.0 | Mouth | 34,35N,20W | Dallas | | x | x | | | | B | | | |
| Trib. to Little Cr. | C | 1.0 | Mouth | 18,24N,15W | Ozark | | x | x | | | | B | | | |
| Trib. to Lk. Wappapello | P | 0.5 | Mouth | 8,27N,7E | Wayne | | x | x | | | | B | | | |
| Trib. to Lk. Wappapello | C | 0.5 | 8,27N,7E | 9,27N,7E | Wayne | | x | x | | | | B | | | |
| Trib. to Logan Cr. | C | 1.0 | Mouth | 28,44N,13W | Cole | | x | x | | | | B | | | |
| Trib. to Long Br. | C | 0.4 | Mouth | 07,45N,23W | Pettis | | x | x | | | | B | | | |
| Trib. to Lost Cr. | C | 1.0 | Mouth | 18,37N,1E | Washington | | x | x | | | | B | | | |
| Trib. to Lost Cr. | C | 1.0 | Mouth | 21,37N,1W | Washington | | x | x | | | | B | | | |
| Trib. to Lost Cr. | C | 0.5 | Mouth | 13,37N,1E | Washington | | x | x | | | | B | x | | |

| | | |
|---|------------------------------|-------------------------------------|
| IRR-Irrigation | CLF (CLH)-Cool Water Fishery | IRR LWW AQL CLF CDF WBC SCR DWS IND |
| LWW (LWP)-Livestock & Wildlife Watering | CDF (CDH)-Cold Water Fishery | SCR-Secondary Contact Recreation |
| AQL (WWH, HHP)-Protection of Warm Water Aquatic Life, | | DWS-Drinking Water Supply |
| Human Health-Fish Consumption | | WBC-Whole Body Contact Recreation |
| | | IND-Industrial |

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|----------------------------|-------|-------|-------|--------------------|-------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Trib. to Loutre R. | C | 4.0 | Mouth | 20,50N,7W | Audrain | | | x | x | | | B | | | |
| Trib. to Macks Cr. | C | 1.0 | Mouth | 18,37N,18W | Camden | | | x | x | | | B | | | |
| Trib. to Macks Cr. | C | 1.0 | Mouth | 6,37N,18W | Camden | | | x | x | | | B | | | |
| Trib. to Marble Cr. | C | 0.5 | Mouth | 18,32N,5E | Madison | | | x | x | | | B | | | |
| Trib. to Marble Cr. | C | 1.5 | Mouth | 22,33N,4E | Iron | | | x | x | | | B | | | |
| Trib. to Maries R. | C | 0.4 | Mouth | 18,38N,10W | Maries | | | x | x | | | B | | | |
| Trib. to Maries R. | C | 0.7 | Mouth | 14,38N,11W | Maries | | | x | x | | | B | | | |
| Trib. to Maries R. | C | 1.7 | Mouth | 9,39N,10W | Maries | | | x | x | | | B | | | |
| Trib. to Maries R. | C | 0.5 | Mouth | 06,39N,10W | Maries | | | x | x | | | B | | | |
| Trib. to Maries R. | C | 2.5 | Mouth | 21,42N,10W | Osage | | | x | x | | | B | | | |
| Trib. to Maries R. | P | 0.5 | Mouth | 12,41N,10W | Osage | | | x | x | | | B | x | | |
| Trib. to Massey Cr. | C | 3.3 | Mouth | 33,45N,33W | Cass | | | x | x | | | B | x | | |
| Trib. to Maupin Br. | P | 2.0 | Mouth | 26,47N,14W | Moniteau | | | x | x | | | B | | | |
| Trib. to Meramec R. | C | 0.8 | Mouth | 29,38N,5W | Crawford | | | x | x | | | B | | | |
| Trib. to Meramec R. | C | 1.4 | Mouth | 2,36N,5W | Crawford | | | x | x | | | B | | | |
| Trib. to Meramec R. | C | 1.3 | Mouth | 23,36N,5W | Crawford | | | x | x | | | B | | | |
| Trib. to Meramec R. | C | 1.5 | Mouth | 27,36N,5W | Crawford | | | x | x | | | B | | | |
| Trib. to Meramec R. | C | 2.0 | Mouth | 30,36N,4W | Crawford | | | x | x | | | B | | | |
| Trib. to Meramec R. | C | 1.0 | Mouth | 26,37N,5W | Crawford | | | x | x | | | B | | | |
| Trib. to Meramec R. | C | 1.2 | Mouth | 8,37N,5W | Crawford | | | x | x | | | B | | | |
| Trib. to Meramec R. | C | 2.4 | Mouth | 2,37N,5W | Crawford | | | x | x | | | B | | | |
| Trib. to Middle Big Cr. | C | 3.6 | Mouth | Lake Harrisonville | Cass | | | x | x | | | B | | | |
| Trib. to Mill Cr. | C | 1.8 | Mouth | 14,37N,15W | Camden | | | x | x | | | B | | | |
| Trib. to Mill Cr. | C | 1.0 | Mouth | 33,51N,1W | Lincoln | | | x | x | | | B | | | |
| Trib. to Mill Cr. | C | 1.8 | Mouth | 13,66N,38W | Nodaway | | | x | x | | | B | | | |
| Trib. to Mill Cr. | C | 0.3 | Mouth | 14,37N,21W | Hickory | | | x | x | | | B | | | |
| Trib. to Mill Cr. | C | 0.6 | Mouth | 9,37N,21W | Hickory | | | x | x | | | B | | | |
| Trib. to Mill Cr. | C | 0.1 | Mouth | 10,40N,08W | Maries | | | x | x | | | B | | | |
| Trib. to Mill Cr. | C | 0.5 | Mouth | 26,36N,3E | Washington | | | x | x | | | B | x | | |
| Trib. to Mine a Breton Cr. | C | 0.4 | Mouth | 24,37N,2E | Washington | | | x | x | | | B | | | |
| Trib. to Mineral Br. | C | 0.5 | Mouth | 16,44N,15W | Moniteau | | | x | x | | | B | | | |
| Trib. to Mineral Cr. | C | 1.0 | Mouth | 18,44N,25W | Johnson | | | x | x | | | B | | | |
| Trib. to Mineral Fk. | C | 2.0 | Mouth | 33,39N,3E | Washington | | | x | x | | | B | | | |
| Trib. to Missouri R. | P1 | 3.0 | Mouth | 21,44N,1E | St. Charles | | | x | x | | | B | | | |
| Trib. to Missouri R. | C | 3.1 | Mouth | 07,44N,01W | Franklin | | | x | x | | | B | | | |
| Trib. to Missouri R. | C | 5.3 | Mouth | 14,51N,23W | Saline | | | x | x | | | B | | | |
| Trib. to Moreau R. | C | 0.5 | Mouth | 06,43N,12W | Cole | | | x | x | | | | x | | |
| Trib. to Moss Cr. | P | 0.5 | Mouth | 12,52N,24W | Carroll | | | x | x | | | B | | | |
| Trib. to Mud Cr. | C | 0.8 | Mouth | 12,55N,26W | Caldwell | | | x | x | | | B | | | |
| Trib. to Mud Cr. | C | 2.0 | Mouth | 24,55N,26W | Caldwell | | | x | x | | | B | | | |
| Trib. to Mud Cr. | C | 1.0 | Mouth | 12,55N,26W | Caldwell | | | x | x | | | B | | | |
| Trib. to Muddy Cr. | C | 1.7 | Mouth | 10,46N,21W | Pettis | | | x | x | | | B | x | | |
| Trib. to Muddy Cr. | C | 1.9 | Mouth | 06,45N,22W | Pettis | | | x | x | | | B | | | |
| Trib. to Muddy Cr. | C | 1.1 | Mouth | 32,46N,22W | Pettis | | | x | x | | | B | | | |
| Trib. to Muddy Cr. | C | 1.0 | Mouth | 04,45N,22W | Pettis | | | x | x | | | B | | | |
| Trib. to Muddy Cr. | C | 2.5 | Mouth | 24,46N,23W | Pettis | | | x | x | | | | x | | |
| Trib. to Muddy Cr. | C | 2.0 | Mouth | 29,60N,22W | Grundy | | | x | x | | | B | | | |
| Trib. to Murphy Cr. | C | 0.5 | Mouth | 4,36N,14W | Camden | | | x | x | | | B | | | |

IRR-LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation

CLF (CLH)-Cool Water Fishery

SCR-Secondary Contact Recreation

LWW (LWP)-Livestock & Wildlife Watering

CDF (CDH)-Cold Water Fishery

DWS-Drinking Water Supply

AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,

WBC-Whole Body Contact Recreation

Human Health-Fish Consumption

IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|-----------------------------|-------|-------|------------|------------|------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Trib. to Murphy Cr. | C | 1.0 | Mouth | 34,37N,14W | Camden | | | x | x | | | B | | | |
| Trib. to N. Br. Wilsons Cr. | C | 1.3 | 16,29N,22W | 10,29N,22W | Greene | | | x | x | | | B | | | |
| Trib. to N. Br. Wilsons Cr. | C | 0.5 | Mouth | 9,29N,22W | Greene | | | x | x | | | B | x | | |
| Trib. to N. Fk. Cuivre R. | C | 2.0 | Mouth | 25,51N,2W | Lincoln | | | x | x | | | B | | | |
| Trib. to N. Fk. Spring R. | C | 5.3 | Mouth | 31,33N,30W | Barton | | | x | x | | | B | | | |
| Trib. to N. Fk. White R. | C | 1.2 | Mouth | 34,23N,12W | Ozark | | | x | x | | | B | | | |
| Trib. to N. Indian Cr. | P | 1.3 | Mouth | 19,24N,30W | Newton | | | x | x | | | B | | | |
| Trib. to N. Moreau Cr. | C | 0.8 | Mouth | 23,44N,13W | Cole | | | x | x | | | B | | | |
| Trib. to N. Moreau Cr. | C | 0.5 | Mouth | 8,44N,13W | Cole | | | x | x | | | B | | | |
| Trib. to N. Moreau Cr. | C | 2.4 | Mouth | 33,45N,15W | Moniteau | | | x | x | | | | | | |
| Trib. to N. Moreau Cr. | C | 0.5 | Mouth | 4,44N,15W | Moniteau | | | x | x | | | B | | | |
| Trib. to N. Moreau Cr. | C | 2.0 | Mouth | 2,44N,16W | Moniteau | | | x | x | | | B | | | |
| Trib. to N. Moreau Cr. | C | 2.0 | Mouth | 12,44N,16W | Moniteau | | | x | x | | | B | | | |
| Trib. to N. Moreau Cr. | C | 2.0 | Mouth | 18,44N,15W | Moniteau | | | x | x | | | B | | | |
| Trib. to N. Prong Jacks Fk. | C | 2.3 | Mouth | 28,29N,8W | Texas | | | x | x | | | B | x | | |
| Trib. to Niangua R. | C | 1.2 | Mouth | 17,37N,17W | Camden | | | x | x | | | B | | | |
| Trib. to Nichols Cr. | C | 1.3 | Mouth | 29,61N,37W | Holt | | | x | x | | | B | | | |
| Trib. to Nodaway R. | C | 1.0 | Mouth | 13,60N,37W | Andrew | | | x | x | | | B | | | |
| Trib. to North Cut Ditch | C | 2.0 | Mouth | 36,29N,14E | Scott | | x | x | x | | | B | | | |
| Trib. to North Cut Ditch | C | 4.0 | Mouth | 34,27N,14E | Scott | | x | x | x | | | B | | | |
| Trib. to Old Town Br. | C | 1.7 | Mouth | 01,36N,31W | Vernon | | | x | x | | | B | | | |
| Trib. to Omete Cr. | C | 1.3 | Mouth | 16,35N,12E | Perry | | | x | x | | | B | | | |
| Trib. to Osage Fk. | P | 3.0 | Mouth | 29,30N,17W | Webster | | | x | x | | | B | | | |
| Trib. to Osage R. | C | 2.0 | Mouth | 9,43N,10W | Cole | | | x | x | | | B | | | |
| Trib. to Osage R. | C | 0.8 | Mouth | 9,42N,12W | Cole | | | x | x | | | B | | | |
| Trib. to Panther Cr. | C | 2.4 | Mouth | 23,57N,26W | Caldwell | | | x | x | | | B | | | |
| Trib. to Peno Cr. | C | 1.0 | 19,55N,3W | 30,55N,3W | Pike | | | x | x | | | B | | | |
| Trib. to Perche Cr. | C | 2.0 | Mouth | 5,47N,13W | Boone | | | x | x | | | | x | | |
| Trib. to Perkins Cr. | C | 2.0 | Mouth | 25,30N,8E | Bollinger | | | x | x | | | B | | | |
| Trib. to Pierce Cr. | C | 0.9 | Mouth | 31,41N,02E | Franklin | | | x | x | | | B | | | |
| Trib. to Pierce Cr. | C | 1.0 | Mouth | 06,40N,02E | Franklin | | | x | x | | | B | | | |
| Trib. to Pike Cr. | C | 0.8 | Mouth | 32,27N,2W | Carter | | | x | x | | | B | x | | |
| Trib. to Pippin Br. | C | 1.5 | Mouth | 29,37N,20W | Hickory | | | x | x | | | B | | | |
| Trib. to Pippin Br. | C | 0.5 | Mouth | 26,37N,20W | Hickory | | | x | x | | | B | | | |
| Trib. to Platin Cr. | P | 1.0 | Mouth | 13,39N,5E | Jefferson | | | x | x | | | B | | | |
| Trib. to Pond Cr. | C | 1.9 | 35,38N,3E | 11,37N,3E | Washington | | | x | x | | | B | | | |
| Trib. to Pond Cr. | C | 1.0 | Mouth | 15,29N,8E | Bollinger | | | x | x | | | B | | | |
| Trib. to Possum Hollow | P | 0.5 | Mouth | 22,27N,7E | Wayne | | | x | x | | | B | | | |
| Trib. to Possum Hollow | C | 0.5 | 22,27N,7E | 15,27N,7E | Wayne | | | x | x | | | B | | | |
| Trib. to Prairie Cr. | C | 1.0 | Mouth | 24,52N,35W | Platte | | | x | x | | | B | | | |
| Trib. to Province Br. | C | 1.0 | Mouth | 3,29N,25W | Lawrence | | | x | x | | | B | | | |
| Trib. to Pruett Cr. | C | 1.0 | Mouth | 21,38N,5W | Crawford | | | x | x | | | B | | | |
| Trib. to Puncheon Cr. | C | 1.5 | Mouth | 30,44N,5W | Gasconade | | | x | x | | | B | | | |
| Trib. to Pyatt Hollow | C | 1.5 | Mouth | 24,36N,3W | Crawford | | | x | x | | | B | | | |
| Trib. to Raccoon Cr. | C | 1.0 | Mouth | 9,61N,25W | Grundy | | | x | x | | | B | | | |
| Trib. to Red Oak Cr. | P | 0.5 | Mouth | 35,42N,05W | Gasconade | | | x | x | | | B | | | |
| Trib. to Red Oak Cr. | C | 1.9 | 35,42N,05W | 27,42N,05W | Gasconade | | | x | x | | | | x | | |
| Trib. to Rings Cr. | C | 1.0 | Mouth | 14,29N,4E | Wayne | | | x | x | | | B | | | |
| Trib. to Rings Cr. | C | 0.5 | Mouth | 26,29N,4E | Wayne | | | x | x | | | B | | | |
| Trib. to Rockhouse Cr. | C | 3.0 | Mouth | 34,23N,26W | Barry | | | x | x | | | B | x | | |

IRR-LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption
CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|-------------------------------|-------|-------|------------|------------|--------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Trib. to S. Fk. Apple Cr. | C | 0.8 | Mouth | 33,34N,10E | Perry | | | x | x | | | B | | | |
| Trib. to S. Fk. Blackwater R. | C | 1.3 | Mouth | 3,46N,23W | Pettis | | | x | x | | | B | | | |
| Trib. to S. Fk. Blackwater R. | C | 3.9 | Mouth | 18,46N,28W | Johnson | | | x | x | | | B | | | |
| Trib. to S. Fk. Brush Cr. | C | 1.7 | Mouth | 33,35N,24W | Polk | | | x | x | | | B | | | |
| Trib. to S. Fk. N. Fabius R. | C | 4.1 | Mouth | 30,67N,14W | Schuyler | | | x | x | | | B | | | |
| Trib. to S. Fk. Saline Cr. | P | 2.0 | Mouth | 3,34N,9E | Perry | | | x | x | | | B | | | |
| Trib. to S. Fk. Salt R. | C | 0.5 | Mouth | 35,52N,9W | Audrain | | | x | x | | | B | | | |
| Trib. to S. Fk. Spring R. | P | 1.0 | Mouth | 34,22N,8W | Howell | | | x | x | | | B | | | |
| Trib. to S. Fk. Weaubleau Cr. | C | 7.0 | Mouth | 25,36N,24W | St. Clair | Hickory | | x | x | | | | x | | |
| Trib. to S. Flat Cr. | C | 2.4 | Mouth | 24,43N,22W | Benton | | | x | x | | | | x | | |
| Trib. to S. Flat Cr. | C | 1.1 | Mouth | 03,43N,21W | Pettis | | | x | x | | | B | | | |
| Trib. to S. Moreau Cr. | C | 1.5 | Mouth | 28,43N,15W | Moniteau | | | x | x | | | B | | | |
| Trib. to S. Moreau Cr. | P | 0.8 | Mouth | 31,43N,15W | Moniteau | | | x | x | | | B | | | |
| Trib. to S. Moreau Cr. | C | 1.5 | 31,43N,15W | 25,43N,16W | Moniteau | | | x | x | | | B | | | |
| Trib. to S. Moreau Cr. | C | 0.7 | Mouth | 25,43N,14W | Cole | | | x | x | | | B | | | |
| Trib. to S. Moreau Cr. | C | 0.5 | Mouth | 24,43N,13W | Cole | | | x | x | | | B | | | |
| Trib. to S. Moreau Cr. | C | 1.5 | Mouth | 29,42N,15W | Miller | | | x | x | | | B | | | |
| Trib. to Salt Cr. | C | 1.3 | Mouth | 17,38N,26W | St. Clair | | | x | x | | | B | | | |
| Trib. to Sandy Cr. | P | 0.1 | Mouth | 33,42N,04E | Jefferson | | | x | x | | | B | | | |
| Trib. to Sandy Cr. | P | 0.2 | Mouth | 32,42N,04E | Jefferson | | | x | x | | | B | | | |
| Trib. to Schawanee Spr. Br. | C | 1.2 | Mouth | 33,35N,11E | Perry | | | x | x | | | B | | | |
| Trib. to Sellars Cr. | C | 1.0 | Mouth | 6,36N,14W | Camden | | | x | x | | | B | | | |
| Trib. to Shaver Cr. | C | 0.9 | Mouth | 28,46N,20W | Pettis | | | x | x | | | B | | | |
| Trib. to Shaver Cr. | C | 1.3 | Mouth | 14,46N,20W | Pettis | | | x | x | | | B | | | |
| Trib. to Shaver Cr. | C | 1.1 | Mouth | 06,45N,20W | Pettis | | | x | x | | | B | | | |
| Trib. to Shibboleth Cr. | C | 1.3 | Mouth | 9,38N,3E | Washington | | | x | x | | | | x | | |
| Trib. to Shoal Cr. | C | 1.0 | Mouth | 34,37N,2W | Crawford | | | x | x | | | B | | | |
| Trib. to Shoal Cr. | C | 0.5 | Mouth | 34,37N,2W | Crawford | | | x | x | | | B | | | |
| Trib. to Shoal Cr. | P | 1.0 | Mouth | 10,26N,32W | Newton | | | x | x | | | B | | | |
| Trib. to Silver Fk. | C | 1.5 | Mouth | 19,51N,11W | Boone | | | x | x | | | B | | | |
| Trib. to Silver Fk. | C | 1.0 | Mouth | 28,50N,13W | Boone | | | x | x | | | B | | | |
| Trib. to Spring Cr. | P | 1.0 | Mouth | 18,26N,23W | Stone | | | x | x | | | B | | | |
| Trib. to Spring Cr. | C | 1.1 | Mouth | 14,38N,08W | Phelps | | | x | x | | | B | | | |
| Trib. to Spring Cr. | P | 0.8 | 14,38N,08W | 10,38N,08W | Phelps | | | x | x | | | B | | | |
| Trib. to Spring Cr. | C | 0.7 | Mouth | 26,35N,10W | Phelps | | | x | x | | | B | | | |
| Trib. to Spring Fk. | C | 2.5 | Mouth | 02,43N,21W | Pettis | Benton | | x | x | | | B | | | |
| Trib. to Spring Fk. | C | 0.7 | Mouth | 36,44N,21W | Pettis | | | x | x | | | B | | | |
| Trib. to Spring R. | C | 5.0 | Mouth | 23,29N,33W | Jasper | | | x | x | | | B | | | |
| Trib. to Spring R. | C | 2.7 | Mouth | 1,28N,28W | Lawrence | | | x | x | | | B | | | |
| Trib. to Spring R. | C | 1.0 | 16,28N,28W | 15,28N,28W | Lawrence | | | x | x | | | B | | | |
| Trib. to Spring R. | P | 2.8 | Mouth | 5,28N,28W | Lawrence | | | x | x | | | B | | | |
| Trib. to St. Francis R. | C | 1.0 | Mouth | 9,35N,4E | St. Francois | | | x | x | | | B | | | |
| Trib. to St. Francis R. | C | 1.0 | Mouth | 33,31N,5E | Madison | | | x | x | | | B | | | |
| Trib. to St. John's Cr. | C | 1.5 | Mouth | 18,43N,2W | Franklin | | | x | x | | | B | | | |
| Trib. to St. John's Cr. | C | 2.9 | Mouth | 7,44N,1W | Franklin | | | x | x | | | | x | | |
| Trib. to Stahl Cr. | C | 2.6 | Mouth | 22,29N,27W | Lawrence | | | x | x | | | B | | | |
| Trib. to Starks Cr. | C | 0.8 | Mouth | 19,37N,20W | Hickory | | | x | x | | | B | | | |

IRR-Irrigation

LWW (LWP)-Livestock & Wildlife Watering

AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,

Human Health-Fish Consumption

CLF (CLH)-Cool Water Fishery

CDF (CDH)-Cold Water Fishery

IRR LWL AQL CLF CDF WBC SCR DWS IND

SCR-Secondary Contact Recreation

DWS-Drinking Water Supply

WBC-Whole Body Contact Recreation

IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|-------------------------------------|-------|-------|----------|----------------|--------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Trib. to Starks Cr. | C | 1.1 | Mouth | 29,38N,20W | Hickory | | x | x | | | | B | | | |
| Trib. to Starks Cr. | C | 0.5 | Mouth | 18,37N,20W | Hickory | | x | x | | | | B | | | |
| Trib. to Starks Cr. | C | 1.9 | Mouth | 18,38N,20W | Hickory | | x | x | | | | B | | | |
| Trib. to Starks Cr. | C | 1.0 | Mouth | 02,37N,21W | Hickory | | x | x | | | | B | | | |
| Trib. to Stockton Br. | C | 2.0 | Mouth | 6,34N,26W | Cedar | | x | x | | | | B | | | |
| Trib. to Stouts Cr. | C | 0.5 | Mouth | 6,33N,5E | Madison | | x | x | | | | B | | | |
| Trib. to Stouts Cr. | C | 1.0 | Mouth | 6,33N,5E | Madison | | x | x | | | | B | | | |
| Trib. to Stouts Cr. | C | 1.3 | Mouth | 36,34N,03E | Iron | | x | x | | | | B | | | |
| Trib. to Strobel Br. | C | 0.5 | Mouth | 1,44N,14W | Cole | | x | x | | | | B | | | |
| Trib. to Strobel Br. | C | 0.5 | Mouth | 36,45N,14W | Cole | | x | x | | | | B | x | | |
| Trib. to Sweetwater Br. | C | 1.0 | Mouth | 19,34N,7E | Madison | | x | x | | | | B | | | |
| Trib. to Tater Hill Cr. | C | 2.0 | Mouth | 22,55N,24W | Carroll | | x | x | | | | B | | | |
| Trib. to Tavern Cr. | C | 0.1 | Mouth | 01,44N,02E | Franklin | | x | x | | | | B | | | |
| Trib. to Third Cr. | C | 1.0 | Mouth | 5,42N,6W | Gasconade | | x | x | | | | B | | | |
| Trib. to Third Cr. | C | 0.7 | Mouth | 6,42N,6W | Gasconade | | x | x | | | | B | | | |
| Trib. to Thomas Cr. | C | 0.5 | Mouth | 26,36N,20W | Dallas | | x | x | | | | B | | | |
| Trib. to Trib. M. Fk. Tebo Cr. | C | 1.3 | Mouth | 36,44N,25W | Henry | | x | x | | | | B | | | |
| Trib. to Trib. to Wolf Cr. | C | 0.8 | Mouth | 32,36N,6E | St. Francois | | x | x | | | | B | | | |
| Trib. To trib. to Flat Cr. | C | 2.1 | Mouth | 13,45N,20W | Pettis | | x | x | | | | B | | | |
| Trib. to trib. to Heaths Cr. | C | 1.5 | Mouth | 27,47N,22W | Pettis | | x | x | | | | B | | | |
| Trib. to Trib. to Weaubleau Cr. | C | 0.8 | Mouth | 15,36N,23W | Hickory | | x | x | | | | B | | | |
| Trib. to Turkey Cr. | C | 2.2 | Mouth | 2,31N,24W | Polk | | x | x | | | | B | | | |
| Trib. to Turkey Cr. | C | 0.3 | Mouth | 09,38N,21W | Hickory | | x | x | | | | B | | | |
| Trib. to Turkey Cr. | C | 2.4 | Mouth | 14,38N,21W | Hickory | | x | x | | | | B | | | |
| Trib. to Turkey Cr. | C | 1.0 | Mouth | 23,38N,21W | Hickory | | x | x | | | | B | | | |
| Trib. to Turkey Cr. | C | 0.5 | Mouth | 20,47N,21W | Pettis | | x | x | | | | B | | | |
| Trib. to Turkey Cr. | C | 1.7 | Mouth | 33,39N,21W | Benton | | x | x | | | | B | | | |
| Trib. to Turkey Cr. | C | 1.0 | Mouth | 29,57N,26W | Caldwell | | x | x | | | | B | | | |
| Trib. to Turkey Cr. | C | 0.5 | Mouth | 17,59N,16W | Macon | | x | x | | | | B | | | |
| Trib. to Turnback Cr. | P | 1.0 | Mouth | 24,29N,26W | Lawrence | | x | x | | | | B | | | |
| Trib. to Twelve Mile Cr. | C | 1.0 | Mouth | 6,31N,7E | Madison | | x | x | | | | B | | | |
| Trib. to Unnamed trib to Atwell Cr. | C | 0.6 | Mouth | 07,38N,11W | Maries | | x | x | | | | B | | | |
| Trib. to W. Fk. Clear Cr. | C | 0.8 | Mouth | 35,36N,30W | Vernon | | x | x | | | | B | | | |
| Trib. to W. Fk. Finney Cr. | C | 0.8 | Mouth | 7,49N,21W | Saline | | x | x | | | | B | | | |
| Trib. to W. Fk. Lost Cr. | C | 0.5 | Mouth | 13,28N,6E | Wayne | | x | x | | | | B | | | |
| Trib. to W. Fk. Lost Cr. | C | 2.8 | Mouth | Maysville Lake | DeKalb | | x | x | | | | B | x | | |
| Trib. to W. Fk. Lost Cr. | C | 2.6 | Mouth | 9,58N,31W | DeKalb | | x | x | | | | B | | | |
| Trib. to W. Fk. Niangua R. | P | 1.5 | Mouth | 19,31N,18W | Webster | | x | x | | | | B | | | |
| Trib. to W. Fk. Postoak Cr. | C | 1.4 | Mouth | 36,45N,27W | Johnson | | x | x | | | | B | | | |
| Trib. to W. Fk. Roubidoux Cr. | C | 2.2 | Mouth | 33,31N,11W | Texas | | x | x | | | | B | | | |
| Trib. to W. Mill Cr. | C | 0.8 | Mouth | 19,37N,3E | Washington | | x | x | | | | | | | |
| Trib. to W. Muddy Cr. | P | 0.5 | Mouth | 31,64N,24W | Mercer | | x | x | | | | B | | | |
| Trib. to Wade Cr. | C | 2.0 | Mouth | 33,44N,25W | Henry | | x | x | | | | B | | | |
| Trib. to Wallace Cr. | P | 1.8 | Mouth | 07,40N,06W | Gasconade | | x | x | | | | B | | | |
| Trib. to Wallen Cr. | P | 1.0 | Mouth | 4,36N,3E | Washington | | x | x | | | | B | | | |
| Trib. to Wallen Cr. | C | 1.5 | 4,36N,3E | 32,37N,3E | Washington | | x | x | | | | B | | | |
| Trib. to Watery Fk. | C | 1.0 | Mouth | 5,34N,4W | Dent | | x | x | | | | B | | | |

IRR-LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption
CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|---------------------------|-------|-------|------------|----------------|----------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Trib. to Weaubleau Cr. | C | 0.8 | Mouth | 19,36N,23W | Hickory | | x | x | | | | B | | | |
| Trib. to Weaubleau Cr. | C | 0.5 | Mouth | 3,35N,23W | Hickory | | x | x | | | | B | | | |
| Trib. to Weaubleau Cr. | C | 1.3 | Mouth | 02,35N,23W | Hickory | | x | x | | | | B | | | |
| Trib. to Weaubleau Cr. | C | 1.3 | Mouth | 26,36N,23W | Hickory | | x | x | | | | B | | | |
| Trib. to Weaubleau Cr. | C | 1.5 | Mouth | 23,36N,23W | Hickory | | x | x | | | | B | | | |
| Trib. to Weidensaul Holl. | C | 1.0 | Mouth | 35,23N,13W | Ozark | | x | x | | | | B | | | |
| Trib. to White Oak Cr. | C | 0.5 | Mouth | 25,42N,13W | Cole | | x | x | | | | B | | | |
| Trib. to White Oak Cr. | C | 6.3 | Mouth | 24,29N,28W | Lawrence | | x | x | | | | B | | | |
| Trib. to Whitewater R. | C | 1.7 | Mouth | 3,30N,11E | Cape Girardeau | | x | x | | | | B | | | |
| Trib. to Whittenburg Cr. | C | 1.0 | Mouth | 12,37N,4W | Crawford | | x | x | | | | B | | | |
| Trib. to Wildcat Cr. | C | 2.0 | Mouth | 30,63N,32W | Gentry | | x | x | | | | B | | | |
| Trib. to Wildcat Cr. | C | 2.0 | Mouth | 32,63N,33W | Nodaway | | x | x | | | | | | x | |
| Trib. to Williams Cr. | P | 1.0 | Mouth | Sur | Cape Girardeau | | x | x | | | | B | | | |
| | | | | 256,30N,13E | | | | | | | | | | | |
| Trib. to Willow Fk. | C | 0.5 | Mouth | 27,45N,17W | Moniteau | | x | x | | | | | | | |
| Trib. to Wolf Cr. | P | 1.1 | Mouth | 32,36N,6E | St. Francois | | x | x | | | | B | | | |
| Trib. to Wolf Cr. | C | 1.5 | 32,36N,6E | Sur 349,36N,6E | St. Francois | | x | x | | | | B | | | |
| Trib. to Workman Cr. | P | 0.5 | Mouth | 13,45N,13W | Cole | | x | x | | | | B | | | |
| Trib. to Workman Cr. | C | 0.8 | Mouth | 10,28N,22W | Greene | | x | x | | | | B | | x | |
| Trib. to Yadkin Cr. | C | 3.7 | Mouth | 12,37N,5W | Crawford | | x | x | | | | B | | | |
| Trib. to Yellow Cr. | C | 1.0 | Mouth | 32,38N,26W | St. Clair | | x | x | | | | B | | | |
| Trinity Hollow | P | 1.6 | Mouth | 13,38N,23W | Benton | Hickory | x | x | | | | B | | | |
| Troesser Cr. | C | 0.7 | Mouth | 18,44N,8W | Osage | | x | x | | | | B | | | |
| Troublesome Cr. | C | 41.3 | 15,59N,7W | 5,61N,10W | Marion | Knox | x | x | | | | B | | x | |
| Troublesome Cr. | P | 4.8 | Mouth | 15,59N,7W | Marion | | x | x | | | | B | | | x |
| Truitt Cr. | P | 1.5 | Mouth | 23,28N,27W | Lawrence | | x | x | | | | B | | | |
| Truitt Cr. | C | 6.4 | 23,28N,27W | 32,29N,26W | Lawrence | | x | x | | | | | | x | |
| Tub Cr. | C | 1.0 | Mouth | 31,56N,28W | Caldwell | | x | x | | | | B | | | |
| Tunas Br. | C | 2.7 | Mouth | 33,36N,19W | Dallas | | x | x | | | | B | | | |
| Tuque Cr. | P | 5.4 | Mouth | 16,45N,1W | Warren | | x | x | | | | B | | x | |
| Tuque Cr. | C | 2.3 | 16,45N,1W | 3,45N,1W | Warren | | x | x | | | | B | | | |
| Turkey Cr. | P | 17.9 | Mouth | 05,38N,21W | Benton | | x | x | | x | | B | | | |
| Turkey Cr. | C | 15.9 | Mouth | 21,35N,25W | St. Clair | Cedar | x | x | | | | A | | | |
| Turkey Cr. | P | 6.0 | Mouth | 27,32N,24W | Polk | | x | x | | | | B | | | |
| Turkey Cr. | C | 3.3 | Mouth | 3,53N,10W | Monroe | | x | x | | | | B | | | |
| Turkey Cr. | P | 2.0 | Mouth | 32,33N,14E | Cape Girardeau | | x | x | | | | B | | | |
| Turkey Cr. | C | 2.2 | 32,33N,14E | 36,33N,13E | Cape Girardeau | | x | x | | | | B | | | |
| Turkey Cr. | C | 1.5 | Mouth | 21,49N,2W | Lincoln | | x | x | | | | B | | x | |
| Turkey Cr. | C | 1.4 | Mouth | Sur | Washington | | x | x | | | | B | | | |
| | | | | 3022,40N,2E | | | | | | | | | | | |
| Turkey Cr. | P | 2.6 | Mouth | 16,22N,21W | Taney | | x | x | | | x | B | | x | |
| Turkey Cr. | C | 4.0 | 16,22N,21W | 4,21N,21W | Taney | | x | x | | | | | | x | |
| Turkey Cr. | C | 9.9 | Mouth | 15,24N,15W | Ozark | | x | x | | | | B | | | |
| Turkey Cr. | C | 2.6 | Mouth | 22,22N,16W | Ozark | | x | x | | | | B | | | |
| Turkey Cr. | C | 1.5 | Mouth | 9,26N,15W | Douglas | | x | x | | | | B | | | |
| Turkey Cr. | C | 4.5 | Mouth | 36,34N,5E | Madison | | x | x | | | | B | | | |
| Turkey Cr. | C | 3.1 | Mouth | 34,27N,8E | Stoddard | | x | x | | | | B | | x | |
| Turkey Cr. | P | 7.7 | State Line | 35,28N,33W | Jasper | | x | x | | | | B | | | |
| Turkey Cr. | P | 6.1 | 35,28N,33W | 9,27N,32W | Jasper | | x | x | | | | A | | | |
| Turkey Cr. | P | 2.4 | Mouth | Hwy. 47 | St. Francois | | x | x | | | | B | | | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
 LWW (LWP)-Livestock & Wildlife Watering
 AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
 Human Health-Fish Consumption

CLF (CLH)-Cool Water Fishery
 CDF (CDH)-Cold Water Fishery
 SCR-Secondary Contact Recreation
 DWS-Drinking Water Supply
 WBC-Whole Body Contact Recreation
 IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|---------------------|-------|-------|--------------------|------------------------|------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Turkey Cr. | P | 4.7 | Mouth | 14,53N,25W | Carroll | | | x | x | | | B | | | |
| Turkey Cr. | C | 3.5 | 14,53N,25W | 34,54N,25W | Carroll | | | x | x | | | B | | | |
| Turkey Cr. | C | 5.8 | 05,38N,21W | 22,38N,21W | Benton | Hickory | | x | x | | | B | | | |
| Turkey Cr. | C | 1.8 | Mouth | 26,62N,33W | Gentry | | | x | x | | | B | | | |
| Turkey Cr. | C | 2.5 | Mouth | 33,57N,26W | Caldwell | | | x | x | | | B | | | |
| Turkey Cr. | C | 14.4 | Mouth | Hwy. 36 | Chariton | Linn | | x | x | | | B | | | |
| Turkey Cr. | C | 3.5 | Mouth | 12,66N,17W | Putnam | | | x | x | | | B | | | |
| Turkey Cr. | C | 2.4 | Mouth | 17,59N,16W | Macon | | | x | x | | | B | | | |
| Turkey Cr. | C | 3.3 | Mouth | 3,44N,11W | Callaway | | | x | x | | | B | | | |
| Turkey Cr. | C | 6.3 | Mouth | 14,47N,12W | Boone | | | x | x | | | A | | | |
| Turkey Cr. | C | 2.9 | Mouth | 20,47N,21W | Pettis | | | x | x | | | B | | | |
| Turkey Cr. | C | 1.7 | Mouth | Sur 3243(3), 55N,5W | Ralls | | | x | x | | | B | | | |
| Turkey Cr. | P | 1.0 | Mouth | 32,34N,8E | Madison | | | x | x | | | B | | | |
| Turkey Cr. | P | 7.3 | Mouth | 21,30N,7E | Wayne | | | x | x | | | B | | | |
| Turnback Cr. | P | 16.0 | Mouth | 35,30N,26W | Dade | | | x | x | | | A | | | |
| Turnback Cr. | P | 19.9 | 35,30N,26W | 24,28N,25W | Dade | Lawrence | | x | x | | x | A | x | | |
| Turnbo Cr. | P | 6.8 | Mouth | 16,30N,18W | Webster | | | x | x | | | B | | | |
| Turner Cr. | P | 4.5 | Mouth | 33,29N,20W | Greene | | | x | x | | | B | | | |
| Turtle Spr. Br. | C | 3.3 | Mouth | 23,45N,14W | Moniteau | | | x | x | | | B | | | |
| Twelve Mile Cr. | P | 8.4 | Mouth | 12,31N,6E | Madison | | | x | x | | x | A | | | |
| Twelve Mile Cr. | C | 6.8 | 12,31N,6E | 17,32N,7E | Madison | | | x | x | | x | B | | x | |
| Twomile Cr. | C | 2.6 | Mouth | 28,36N,32W | Vernon | | | x | x | | | B | | | |
| Tyler Br. | C | 1.7 | 36,35N,10E | 34,35N,10E | Perry | | | x | x | | | | | x | |
| Tyrey Cr. | P | 0.8 | 12,40N,02E | 11,40N,02E | Jefferson | | | x | x | | | B | | | |
| Upper Peavine Cr. | C | 2.2 | Mouth | 15,40N,7W | Maries | | | x | x | | | B | | | |
| Van Meter Ditch | C | 4.5 | 24,52N,22W | 4,51N,22W | Saline | | | x | x | | | B | | | |
| Vance Br. | C | 0.5 | Mouth | 05,39N,22W | Benton | | | x | x | | | | | x | |
| Varney R. Ditch | P | 14.0 | 12,17N,7E | 34,19N,9E | Dunklin | | | x | x | | | B | | | |
| Varney R. Ditch | C | 10.0 | 34,19N,9E | 35,20N,9E | Dunklin | | | x | x | | | B | | | |
| Village Cr. | P | 1.9 | Mouth | Sur 3323,33N,7E | Madison | | | x | x | | | B | | | |
| Village Cr. | C | 3.0 | Sur 3323,33N,7E | 34,34N,7E | Madison | | | x | x | | | B | | | |
| Virgin Cr. | C | 1.2 | Mouth | 15,29N,9E | Bollinger | | | x | x | | | B | | | |
| W. Br. Clark Fk. | C | 4.0 | Mouth | 8,47N,16W | Cooper | | | x | x | | | B | | | |
| W. Br. Crawford Cr. | C | 14.7 | Mouth | 21,47N,30W | Jackson | | | x | x | | | B | | | |
| W. Br. Mill Cr. | C | 1.0 | 18,37N,3E | 19,37N,3E | Washington | | | x | x | | | B | | | |
| W. Br. Mill Cr. | C | 1.8 | 8,37N,3E | 18,37N,3E | Washington | | | x | x | | | A | | x | |
| W. Cow Cr. | C | 4.4 | Mouth | 11,51N,21W | Saline | | | x | x | | | B | | | |
| W. Elk Fk. | C | 2.5 | Mouth | 05,44N,23W | Pettis | | | x | x | | | B | | | |
| W. Fk. Bear Cr. | P | 2.8 | Mouth | 9,29N,6E | Wayne | | | x | x | | | B | | | |
| W. Fk. Bear Cr. | C | 1.0 | 9,29N,6E | 8,29N,6E | Wayne | | | x | x | | | B | | | |
| W. Fk. Bee Br. | C | 6.5 | Mouth | 21,56N,17W | Chariton | | | x | x | | | B | | | |
| W. Fk. Benton Cr. | C | 2.5 | Mouth | 7,36N,5W | Crawford | | | x | x | | | B | | | |
| W. Fk. Big Cr. | C | 3.0 | Mouth | 3,22N,17W | Taney | | | x | x | | | B | | | |
| W. Fk. Big Cr. | P | 18.0 | 9,63N,28W | 34,65N,28W | Harrison | | | x | x | | | B | | | |
| W. Fk. Big Cr. | C | 14.0 | 34,65N,28W | 22,66N,28W | Harrison | | | x | x | | | B | | | |
| W. Fk. Big Cr. | P | 1.4 | Mouth | 31,31N,7E | Madison | | | x | x | | | B | | | |
| W. Fk. Big Cr. | C | 1.5 | 31,31N,7E | 36,31N,6E | Madison | | | x | x | | | B | | | |

IRR-LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption
CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|----------------------|-------|-------|------------|-----------------|-----------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| W. Fk. Black R. | P | 32.3 | Mouth | 25, 33N,03W | Reynolds | | | x | x | x | | A | | | |
| W. Fk. Black R. | C | 0.5 | 25,32N,3W | 26,32N,3W | Reynolds | | | x | x | | | B | | | |
| W. Fk. Bull Cr. | C | 4.0 | Mouth | 8,26N,20W | Christian | | | x | x | | | B | | | |
| W. Fk. Clear Cr. | C | 14.0 | Mouth | 17,35N,30W | Vernon | | | x | x | | | B | | | |
| W. Fk. Crooked R. | P | 6.6 | Mouth | 19,52N,27W | Ray | | x | x | x | | | B | | | |
| W. Fk. Crooked R. | C | 9.8 | 19,52N,27W | 18,52N,28W | Ray | | | x | x | | | B | | | |
| W. Fk. Cuivre R. | P | 42.4 | 11,49N,1W | Pike Co. Line | Lincoln | Montgomery | | x | x | | | A | | | |
| W. Fk. Cuivre R. | C | 23.9 | 6,50N,4W | 14,51N,7W | Pike | Audrain | | x | x | | | B | | | |
| W. Fk. Dry Wood Cr. | C | 8.1 | Mouth | State Line | Vernon | | | x | x | | | B | | | |
| W. Fk. East Cr. | C | 4.8 | Mouth | 26,46N,33W | Cass | | | x | x | | | B | | | |
| W. Fk. Finney Cr. | C | 4.0 | 20,49N,21W | 6,49N,21W | Saline | | | x | x | | | B | | | |
| W. Fk. Fourche Cr. | P | 9.7 | Mouth | 15,22N,1W | Ripley | | | x | x | x | | B | | | |
| W. Fk. Fourche Cr. | C | 2.0 | 15,22N,1W | 8,22N,1W | Ripley | | | x | x | x | | B | | | |
| W. Fk. Huzzah Cr. | P | 5.5 | 1,34N,3W | 22,34N,3W | Dent | | | x | x | | | A | | | |
| W. Fk. Huzzah Cr. | C | 2.0 | 22,34N,3W | 28,34N,3W | Dent | | | x | x | | | B | | | |
| W. Fk. Jones Cr. | P | 0.7 | Mouth | 16,41N,03E | Jefferson | | | x | x | | | B | | | |
| W. Fk. Limestone Cr. | C | 3.2 | Mouth | 10,30N,27W | Dade | | | x | x | | | B | | | |
| W. Fk. Locust Cr. | C | 17.0 | Hwy. 6 | 33,64N,21W | Sullivan | | | x | x | | | B | x | | |
| W. Fk. Lost Cr. | P | 4.4 | Mouth | 25,28N,7E | Wayne | | | x | x | | | B | | | |
| W. Fk. Lost Cr. | C | 4.2 | 25,28N,6E | 16,28N,6E | Wayne | | | x | x | | | B | | | |
| W. Fk. Lost Cr. | C | 11.7 | Mouth | 27,58N,31W | DeKalb | | | x | x | | | B | | | |
| W. Fk. Medicine Cr. | C | 5.5 | Mouth | 35,67N,22W | Putnam | | | x | x | | | B | | | |
| W. Fk. Niangua R. | P | 7.0 | 33,32N,18W | 33,31N,18W | Webster | | | x | x | | | B | | | |
| W. Fk. Post Oak Cr. | C | 12.8 | Mouth | 22,45N,27W | Johnson | | | x | x | | | B | x | | |
| W. Fk. Roark Cr. | C | 3.5 | 15,23N,22W | 7,23N,22W | Taney | Stone | x | x | x | | | | x | | |
| W. Fk. Roubidoux Cr. | P | 3.0 | 4,31N,11W | 17,31N,11W | Texas | | | x | x | | | B | | | |
| W. Fk. Roubidoux Cr. | C | 2.0 | 17,31N,11W | 30,31N,11W | Texas | | | x | x | | | B | | | |
| W. Fk. Sni-a-bar Cr. | P | 9.0 | Mouth | Lk Lotawana Dam | Jackson | | | x | x | | | B | | | |
| W. Fk. Spring Cr. | P | 2.5 | Mouth | 31,22N,8W | Howell | | | x | x | | | B | | | |
| W. Fk. Spring R. | C | 8.7 | 31,22N,8W | 10,22N,9W | Howell | | | x | x | | | A | x | | |
| W. Fk. Tebo Cr. | C | 6.8 | Mouth | Hwy. 52 | Henry | | | x | x | | | B | | | |
| W. Fk. Wakenda Cr. | P | 3.3 | Mouth | 6,52N,25W | Carroll | | | x | x | | | B | | | |
| W. Fk. Wakenda Cr. | C | 7.8 | 6,52N,25W | 20,53N,26W | Ray | | | x | x | | | B | | | |
| W. High Cr. | C | 2.8 | Mouth | 10,66N,41W | Atchison | | x | x | x | | | B | | | |
| W. Honey Cr. | C | 14.0 | Mouth | 34,65N,23W | Grundy | Mercer | | x | x | | | B | x | | |
| W. Locust Cr. | P | 17.0 | Mouth | 25,62N,21W | Linn | Sullivan | | x | x | | | B | | | |
| W. Locust Cr. | C | 12.6 | Mouth | 7,66N,20W | Putnam | | | x | x | | | B | x | | |
| W. Muddy Cr. | P | 8.0 | Mouth | 6,63N,24W | Grundy | Mercer | | x | x | | | B | | | |
| W. Muddy Cr. | C | 8.5 | 6,63N,24W | 31,65N,24W | Mercer | | | x | x | | | B | | | |
| W. Piney Cr. | P | 13.1 | Mouth | 33,30N,11W | Texas | | | x | x | | | B | | | |
| W. Piney Cr. | C | 2.0 | 33,30N,11W | 5,29N,11W | Texas | | | x | x | | | B | | | |
| W. Tarkio Cr. | P | 1.2 | Mouth | 14,65N,40W | Atchison | | x | x | x | | | B | | x | |
| W. Tarkio Cr. | C | 9.6 | 14,65N,40W | State Line | Atchison | | x | x | x | | | B | | | |
| W. Yellow Cr. | C | 17.2 | 14,61N,19W | 14,63N,19W | Sullivan | | | x | x | | | B | | x | |
| W. Yellow Cr. | P | 43.3 | Mouth | 14,61N,19W | Chariton | Sullivan | | x | x | | | B | x | x | |
| Wachita Cr. | C | 0.5 | Mouth | 28,34N,5E | Madison | | | x | x | | | B | | | |
| Wade Cr. | C | 5.4 | Mouth | 9,43N,25W | Henry | | | x | x | | | B | | | |
| Wakenda Cr. | P | 29.2 | Mouth | 4,52N,25W | Carroll | | | x | x | | | B | | | |
| Wakenda Cr. | C | 10.6 | 4,52N,25W | 33,54N,26W | Carroll | | | x | x | | | B | | | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation
 LWL (LWP)-Livestock & Wildlife Watering
 AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
 Human Health-Fish Consumption

CLF (CLH)-Cool Water Fishery
 CDF (CDH)-Cold Water Fishery
 SCR-Secondary Contact Recreation
 DWS-Drinking Water Supply
 WBC-Whole Body Contact Recreation
 IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|-----------------------|-------|-------|------------|------------|----------------|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Walkers Slough | P1 | 1.6 | Mouth | 6,57N,4W | Marion | | | x | x | | | B | | | |
| Walkers Slough | C | 3.5 | 6,57N,4W | 24,58N,5W | Marion | | | x | x | | | B | | | |
| Wallace Cr. | P | 3.3 | Mouth | 05,40N,06W | Gasconade | | | x | x | | | B | | | |
| Wallace Cr. | C | 1.9 | 05,40N,06W | 07,40N,06W | Gasconade | | | x | x | | | B | | | |
| Wallen Cr. | P | 1.4 | Mouth | 9,36N,3E | Washington | | | x | x | | | B | | | |
| Wallen Cr. | C | 3.0 | 9,36N,3E | 6,36N,3E | Washington | | | x | x | | | B | x | | |
| Wallen Cr. | C | 1.1 | Mouth | 27,36N,3E | Washington | | | x | x | | | B | | | |
| Walnut Br. | C | 2.7 | Mouth | 12,45N,23W | Pettis | | | x | x | | | B | | | |
| Walnut Cr. | C | 10.1 | Mouth | 28,39N,33W | Bates | | | x | x | | | B | | | |
| Walnut Cr. | P | 2.3 | Mouth | 17,36N,28W | St. Clair | Cedar | | x | x | | | B | | | |
| Walnut Cr. | C | 3.6 | 25,45N,21W | 2,44N,21W | Pettis | | | x | x | | | B | | | |
| Walnut Cr. | C | 2.3 | Mouth | 03,34N,30W | Vernon | | | x | x | | | B | | | |
| Walnut Cr. | C | 15.7 | Mouth | 2,61N,17W | Macon | Adair | | x | x | | | B | | | |
| Walnut Cr. | C | 3.5 | Mouth | 20,55N,14W | Randolph | | | x | x | | | | x | | |
| Walnut Cr. | P | 1.3 | Mouth | 25,45N,21W | Pettis | | | x | x | | | B | | | |
| Walnut Cr. | C | 2.7 | Mouth | 27,47N,26W | Johnson | | | x | x | | | B | | | |
| Walnut Cr. | C | 11.9 | Mouth | 14,46N,24W | Johnson | | | x | x | | | B | x | | |
| Walnut Fk. | C | 4.3 | Mouth | 22,62N,32W | Gentry | | | x | x | | | B | | | |
| Wamsley Cr. | C | 1.7 | Mouth | 27,58N,30W | DeKalb | | | x | x | | | B | x | | |
| Ward Br. | P | 3.3 | Mouth | 13,28N,22W | Greene | | | x | x | | | B | | | |
| Wardens Br. | C | 1.0 | Mouth | 18,46N,5W | Montgomery | | | x | x | | | B | | | |
| Warm Fk. Spring R. | P | 13.8 | State Line | 25,23N,06W | Oregon | | x | x | x | | | A | x | | |
| Warm Fk. Spring R. | C | 9.4 | 25,23N,06W | 8,23N,6W | Oregon | | | x | x | | | B | | | |
| Warren Br. | P | 1.5 | State Line | 36,26N,34W | Newton | | | x | x | | | B | | | |
| Warren Br. | C | 1.5 | 36,26N,34W | 29,26N,33W | Newton | | | x | x | | | B | | | |
| Wash Cr. | P | 1.2 | Mouth | 27,32N,8E | Madison | | | x | x | | | B | | | |
| Wash Cr. | C | 0.5 | 27,32N,8E | 26,32N,8E | Madison | | | x | x | | | B | | | |
| Watery Fk. | P | 5.8 | Mouth | 12,34N,4W | Dent | | | x | x | | | B | | | |
| Watkins Cr. | C | 1.4 | Mouth | Hwy. 270 | St. Louis City | St. Louis | | x | x | | | B | | | |
| Watson Br. | C | 1.0 | Mouth | 20,39N,1E | Washington | | | x | x | | | B | | | |
| Weaubleau Cr. | P | 30.7 | Mouth | 03,35N,23W | St. Clair | Hickory | | x | x | | | A | x | | |
| Web Cr. | P | 4.7 | Mouth | 5,28N,2E | Reynolds | | | x | x | | | B | | | |
| Web Valley | P | 3.0 | Mouth | 11,28N,2E | Reynolds | | | x | x | | | B | | | |
| Weidensaul Hollow | C | 3.0 | Mouth | 26,23N,13W | Ozark | | | x | x | | | B | | | |
| Weldon Br. | C | 4.4 | Mouth | 8,63N,30W | Gentry | | | x | x | | | B | | | |
| Weldon R. | P | 43.4 | Mouth | State Line | Grundy | Mercer | | x | x | | | B | | | |
| West Ditch | P | 10.5 | 31,18N,10E | 8,19N,10E | Dunklin | | | x | x | | | B | | | |
| West Elm Br. | P | 1.1 | Mouth | 29,33N,33W | Barton | | | x | x | | | B | | | |
| West Fk. | P | 1.0 | Mouth | 7,34N,23W | Polk | | | x | x | | | B | | | |
| West Fk. | C | 3.0 | Mouth | 14,38N,5E | Jefferson | St. Francois | | x | x | | | B | | | |
| West Fk. | C | 6.8 | Mouth | 8,31N,31W | Barton | | | x | x | | | B | | | |
| West Prong Indian Cr. | C | 2.0 | 6,25N,7E | 36,26N,6E | Butler | | | x | x | | | B | | | |
| Wet Fk. | C | 1.5 | Mouth | 5,28N,5E | Wayne | | | x | x | | | B | | | |
| Wet Fk. | P | 2.4 | Mouth | 29,27N,6E | Wayne | | | x | x | | | B | | | |
| Wet Glaize Cr. | P | 9.6 | 24,38N,15W | 20,37N,14W | Camden | | | x | x | | | A | x | | |
| Wheeler Cr. | C | 2.4 | Mouth | 31,58N,30W | DeKalb | | | x | x | | | B | | | |
| Whetstone Cr. | P | 12.2 | Mouth | 21,29N,13W | Wright | | | x | x | x | | B | | | |
| Whetstone Cr. | P | 1.5 | Mouth | 7,48N,6W | Montgomery | | | x | x | | | B | | | |
| Whetstone Cr. | C | 10.8 | 7,48N,6W | 1,48N,8W | Callaway | | | x | x | | | B | | | |

IRR-LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation CLF (CLH)-Cool Water Fishery
LWW (LWP)-Livestock & Wildlife Watering CDF (CDH)-Cold Water Fishery
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|------------------|-------|-------|------------|----------------|----------------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Whippoorwill Cr. | C | 2.3 | Mouth | 16,47N,5W | Montgomery | | | x | x | | | B | | | |
| Whisky Cr. | C | 1.5 | Mouth | 18,43N,1W | Franklin | | | x | x | | | B | | | |
| Whitcomb Br. | C | 2.5 | Mouth | 36,49N,1W | Lincoln | | | x | x | | | B | | | |
| White Br. | C | 3.4 | Mouth | 32,36N,31W | Vernon | | | x | x | | | B | | | |
| White Cloud Cr. | P | 13.2 | Mouth | 24,63N,36W | Andrew | Nodaway | | x | x | | | B | | | |
| White Cloud Cr. | C | 12.8 | 24,63N,36W | 11,64N,36W | Nodaway | | | x | x | | | B | | | |
| White Cr. | C | 3.5 | 9,24N,2W | 4,24N,2W | Oregon | | | x | x | | | B | | | |
| White Oak Cr. | C | 4.0 | Mouth | 30,42N,12W | Cole | | | x | x | | | B | | | |
| White Oak Cr. | C | 3.9 | Mouth | 28,42N,28W | Henry | | | x | x | | | B | | | |
| White Oak Cr. | C | 2.6 | Mouth | 33,50N,5W | Montgomery | | | x | x | | | B | | | |
| White Oak Cr. | C | 18.0 | Mouth | 2,29N,28W | Jasper | Lawrence | x | x | x | | | A | | | |
| White Oak Cr. | C | 9.0 | Mouth | Hwy. 136 | Harrison | | | x | x | | | B | | | |
| White Oak Hollow | C | 2.0 | Mouth | 28,32N,5W | Dent | | | x | x | | | B | | | |
| Whitener Cr. | P | 0.5 | Mouth | 28,32N,8E | Madison | | | x | x | | | B | | | |
| Whitener Cr. | C | 1.5 | 28,32N,8E | 22,32N,8E | Madison | | | x | x | | | B | | | |
| Whites Cr. | P | 2.0 | Mouth | 26,39N,2W | Crawford | | | x | x | | | B | | | |
| Whites Cr. | C | 1.0 | 26,39N,2W | 35,39N,2W | Crawford | | | x | x | | | B | | | |
| Whites Cr. | C | 3.0 | Mouth | 33,26N,15W | Douglas | | | x | x | | | B | | | |
| Whites Cr. | P | 4.5 | Mouth | 9,24N,2W | Oregon | | | x | x | | | B | | | |
| Whitewater R. | P | 35.0 | Mouth | 29, 33N,11E | Cape Girardeau | | | x | x | | | A | | | |
| Whitewater R. | P | 18.0 | 29,33N,11E | 29,34N,9E | Bollinger | Perry | | x | x | x | | A | x | | |
| Whitewater R. | C | 5.9 | 29,34N,9E | 10,34N,8E | Perry | St. Francois | | x | x | | | B | | | |
| Whitewater R. | P | 5.0 | 31,28N,12E | 6,28N,12E | Scott | | x | x | x | | | B | | | |
| Whitewater R. | C | 5.2 | 6,28N,12E | 18,29N,12E | Scott | Cape Girardeau | | x | x | | | B | | | |
| Whittenburg Cr. | P | 2.8 | Mouth | 35,38N,4W | Crawford | | | x | x | | x | B | | | |
| Whittenburg Cr. | C | 5.0 | 35,38N,4W | 1,37N,4W | Crawford | | | x | x | | | B | | | |
| Widow Cr. | C | 1.6 | Mouth | 36,26N,5E | Butler | | | x | x | | | B | | | |
| Wiemer Cr. | P | 2.3 | 11,40N,12W | 23,40N,12W | Miller | | | x | x | | | B | | | |
| Wiemer Cr. | C | 4.0 | 23,40N,12W | 2,39N,12W | Miller | | | x | x | | | B | | | |
| Wieneke Br. | C | 1.0 | Mouth | 9,44N,14W | Moniteau | | | x | x | | | B | | | |
| Wildcat Cr. | C | 4.0 | Mouth | 3,62N,39W | Holt | | | x | x | | | B | | | |
| Wildcat Cr. | C | 7.4 | 6,62N,32W | 8,63N,33W | Gentry | Nodaway | | x | x | | | B | | | |
| Wildcat Cr. | P | 6.2 | Mouth | 6,62N,32W | Gentry | | | x | x | | | B | | | |
| Wildhorse Cr. | C | 3.9 | Mouth | 29,45N,3E | St. Louis | | | x | x | | | B | | | |
| Wilkerson Cr. | C | 7.3 | Mouth | 07,52N,32W | Clay | | | x | x | | | B | | x | |
| Wilkerson Ditch | C | 4.0 | 9,23N,16E | 28,24N,16E | Mississippi | | | x | x | | | B | | | |
| Williams Cr. | P | 5.2 | Mouth | 11,42N,21W | Benton | | | x | x | x | | B | | | |
| Williams Cr. | P | 9.8 | Mouth | Sur | Cape Girardeau | | | x | x | | | B | | | |
| Williams Cr. | C | 2.0 | Sur | Sur | Cape Girardeau | | | x | x | | | B | | | |
| Williams Cr. | C | 4.7 | Mouth | 18,27N,5E | Wayne | | | x | x | | | | | x | |
| Williams Cr. | P | 1.0 | Mouth | 28,28N,27W | Lawrence | | | x | x | | x | A | | | |
| Williams Cr. | P | 8.5 | 28,28N,27W | 34,28N,26W | Lawrence | | | x | x | | | A | | | |
| Williams Cr. | C | 1.5 | 34,28N,26W | 35,28N,26W | Lawrence | | | x | x | | | B | | | |
| Williams Cr. | C | 3.4 | 11,42N,21W | 05,42N,20W | Benton | | | x | x | | | B | | | |
| Williams Cr. | P | 1.0 | Mouth | Sur 880,44N,5E | St. Louis | | | x | x | | | B | | | |
| Williams Cr. | C | 9.1 | Mouth | 21,53N,30W | Clay | | | x | x | | | B | | | |
| Willow Br. | C | 3.4 | Mouth | 28,24N,26W | Barry | | | x | x | | | B | | | |
| Willow Br. | P | 2.2 | Mouth | 2,25N,33W | Newton | | | x | x | | | B | | | |

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation

CLF (CLH)-Cool Water Fishery

SCR-Secondary Contact Recreation

LWW (LWP)-Livestock & Wildlife Watering

CDF (CDH)-Cold Water Fishery

DWS-Drinking Water Supply

AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,

WBC-Whole Body Contact Recreation

Human Health-Fish Consumption

IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

| WATER BODY | CLASS | MILES | FROM | TO | COUNTY | COUNTY 2 | IRR | LWW | AQL | CLF | CDF | WBC | SCR | DWS | IND |
|------------------------|-------|-------|------------|-------------|----------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Willow Br. | C | 2.1 | Mouth | 05,37N,31W | Vernon | | | x | x | | | B | | | |
| Willow Cr. | C | 2.2 | Mouth | 19,23N,10W | Ozark | Howell | | x | x | | | B | | | |
| Willow Cr. | C | 6.5 | Mouth | 7,51N,27W | Ray | | | x | x | | | B | | | |
| Willow Cr. | C | 1.0 | Mouth | 35,61N,32W | Gentry | | | x | x | | | B | | | |
| Willow Cr. | C | 1.5 | Mouth | 35,55N,26W | Caldwell | | | x | x | | | B | | | |
| Willow Fk. | P | 2.8 | 4,44N,16W | 36,45N,17W | Moniteau | | | x | x | | | A | | | |
| Willow Fk. | C | 6.8 | 36,45N,17W | 29,45N,17W | Moniteau | | | x | x | | | B | | | |
| Wilmore Cr. | C | 1.3 | Mouth | 8,30N,6E | Wayne | | | x | x | | | A | | | |
| Wilson Br. | C | 2.4 | Mouth | 12,35N,30W | Vernon | | | x | x | | | B | | | |
| Wilson Run | C | 2.5 | Mouth | 17,24N,23W | Stone | | | x | x | | | B | | | |
| Wilsos Cr. | P | 14.0 | Mouth | 27,29N,22W | Christian | Greene | | x | x | | | B | | | |
| Winigan Cr. | C | 7.0 | Mouth | 5,59N,18W | Linn | | | x | x | | | B | | | |
| Winn Br. | C | 5.0 | Mouth | 21,57N,13W | Macon | | | x | x | | | B | | | |
| Wolf Cr. | C | 9.3 | Mouth | 16,28N,15W | Wright | | | x | x | | | B | x | | |
| Wolf Cr. | C | 3.0 | Mouth | 14,45N,1W | Warren | | | x | x | | | B | | | |
| Wolf Cr. | C | 4.5 | Mouth | 18,49N,4W | Montgomery | | | x | x | | | B | | | |
| Wolf Cr. | C | 3.7 | Mouth | 35,33N,10E | Cape Girardeau | Bollinger | | x | x | | | B | x | | |
| Wolf Cr. | C | 2.0 | Mouth | 35,25N,5E | Butler | | | x | x | | | B | | | |
| Wolf Cr. | C | 8.0 | Mouth | 28,36N,6E | St. Francois | | | x | x | | | B | | | |
| Wolf Cr. | C | 4.2 | Mouth | 3,27N,10E | Stoddard | | | x | x | | | | x | | |
| Wolf Cr. | C | 5.2 | Mouth | 10,27N,08W | Texas | Howell | | x | x | | | B | | | |
| Wolf Cr. | C | 1.8 | Mouth | 32,48N,15W | Cooper | | | x | x | | | B | | | |
| Wolf Hole Lateral | C | 9.5 | Mouth | 29,26N,16E | Mississippi | | | x | x | | | | x | | |
| Wolf Island Chute | P | 11.8 | 5,24N,18E | 11,23N,17E | Mississippi | | | x | x | | | B | | | |
| Woods Fk. | C | 5.5 | Mouth | 3,25N,21W | Christian | | | x | x | | | B | | | |
| Woods Fk. Gasconade R. | P | 12.4 | Mouth | 2,29N,16W | Wright | | | x | x | | | B | | | |
| Woods Fk. Gasconade R. | C | 4.0 | 2,29N,16W | 6,29N,16W | Wright | Webster | | x | x | | | B | | | |
| Woolly Cr. | C | 1.5 | Mouth | 7,23N,24W | Stone | | | x | x | | | B | | | |
| Woolsey Cr. | C | 3.6 | Mouth | 8,36N,17W | Camden | Laclede | | x | x | | | B | | | |
| Workman Br. | C | 1.0 | Mouth | 15,28N,22W | Greene | | | x | x | | | B | | | |
| Workman Cr. | P | 2.4 | Mouth | 24,45N,13W | Cole | | | x | x | | | B | | | |
| Wyaconda R. | P1 | 8.4 | Mouth | 15,61N,6W | Lewis | | | x | x | | | B | x | x | |
| Wyaconda R. | P | 42.2 | 15,61N,6W | 26,65N,9W | Lewis | Clark | | x | x | | | B | x | | |
| Wyrick Br. | C | 1.3 | Mouth | 10,28N,09W | Texas | | | x | x | | | B | | | |
| Yadkin Cr. | C | 4.0 | Mouth | 9,37N,4W | Crawford | | | x | x | | x | B | | | |
| Yankee Br. | P | 1.4 | Mouth | 10,36N,4W | Crawford | | | x | x | | x | B | | | |
| Yankee Br. | C | 1.0 | 10,36N,4W | 10,36N,4W | Crawford | | | x | x | | | B | | | |
| Yantz Br. | C | 1.2 | Mouth | | Sur | Bollinger | | x | x | | | B | | | |
| | | | | 3236,32N,9E | | | | | | | | | | | |
| Yeater Br. | C | 2.6 | Mouth | 30,48N,2W | Warren | | | x | x | | | B | | | |
| Yellow Cr. | C | 2.0 | Mouth | 29,38N,26W | St. Clair | | | x | x | | | B | | | |
| Yellow Cr. | P | 28.0 | Mouth | 20,56N,19W | Chariton | | | x | x | | | B | | | |
| Yoga Spring | P | 0.8 | Mouth | 29,30N,07W | Texas | | | x | x | | | B | | | |
| Youngs Cr. | C | 13.4 | Mouth | 11,52N,10W | Monroe | Audrain | | x | x | | | B | | | |
| Youngs Cr. | C | 1.9 | Mouth | 3,46N,9W | Callaway | | | x | x | | | | x | | |
| Zadie Cr. | C | 5.3 | Mouth | State Line | Harrison | | | x | x | | | B | | | |
| Zounds Cr. | C | 3.0 | Mouth | 35,64N,33W | Gentry | | | x | x | | | B | | | |

IRR-Irrigation
LWW (LWP)-Livestock & Wildlife Watering
AQL (WWH, HHP)-Protection of Warm Water Aquatic Life,
Human Health-Fish Consumption

CLF (CLH)-Cool Water Fishery
CDF (CDH)-Cold Water Fishery

IRR LWW AQL CLF CDF WBC SCR DWS IND
SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
WBC-Whole Body Contact Recreation
IND-Industrial

* The Water Body Name, Missouri Use Designations Dataset Version 1.0, August 20, 2013 (8-20-13 MUDD V1.0), refers to all streams in the Missouri Use Designation Dataset Version 1.0, August 20, 2013, that are not otherwise listed in Table H.

**Title 13—DEPARTMENT OF SOCIAL SERVICES
Division 40—Family Support Division
Chapter 100—Child Support Program, General
Administration**

ORDER OF RULEMAKING

By the authority vested in the Department of Social Services, Family Support Division under section 454.400.2(5), RSMo 2000, the division adopts a rule as follows:

13 CSR 40-100.040 State Directory of New Hires is adopted.

A notice of proposed rulemaking containing the text of the proposed rule was published in the *Missouri Register* on October 15, 2013 (38 MoReg 1617). No changes have been made in the text of the proposed rule, so it is not reprinted here. This proposed rule becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 15—ELECTED OFFICIALS
Division 30—Secretary of State
Chapter 15—Initiative, Referendum, New Party and
Independent Candidate Petition Rules**

ORDER OF RULEMAKING

By the authority vested in the Secretary of State under section 115.335.7, RSMo 2000, and section 116.130.5, RSMo Supp. 2013, the secretary amends a rule as follows:

15 CSR 30-15.010 Signature Verification Procedures for Initiative, Referendum, New Party and Independent Petitions is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on October 1, 2013 (38 MoReg 1553). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 15—ELECTED OFFICIALS
Division 30—Secretary of State
Chapter 15—Initiative, Referendum, New Party and
Independent Candidate Petition Rules**

ORDER OF RULEMAKING

By the authority vested in the Secretary of State under section 115.335.7, RSMo 2000, and section 116.130.5, RSMo Supp. 2013, the secretary amends a rule as follows:

15 CSR 30-15.020 Processing Procedures for Initiative, Referendum, New Party and Independent Candidate Petitions is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on October 1, 2013 (38 MoReg 1553-1554). No changes have been made in the text of the proposed amendment, so it is not reprinted here. The proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 15—ELECTED OFFICIALS
Division 30—Secretary of State
Chapter 90—Uniform Commercial Code**

ORDER OF RULEMAKING

By the authority vested in the Secretary of State under section 400.9-526, RSMo Supp. 2013, the secretary amends a rule as follows:

15 CSR 30-90.010 Definitions is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on October 1, 2013 (38 MoReg 1554). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 15—ELECTED OFFICIALS
Division 30—Secretary of State
Chapter 90—Uniform Commercial Code**

ORDER OF RULEMAKING

By the authority vested in the Secretary of State under section 400.9-526, RSMo Supp. 2013, the secretary amends a rule as follows:

15 CSR 30-90.090 Refusal to File; Cancellation; Defects in Filing is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on October 1, 2013 (38 MoReg 1554-1555). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 15—ELECTED OFFICIALS
Division 30—Secretary of State
Chapter 90—Uniform Commercial Code**

ORDER OF RULEMAKING

By the authority vested in the Secretary of State under section 400.9-526, RSMo Supp. 2013, the secretary amends a rule as follows:

15 CSR 30-90.170 Status of Parties upon Filing an Information Statement is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on October 1, 2013 (38 MoReg 1555). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 19—DEPARTMENT OF HEALTH AND
SENIOR SERVICES**

Division 25—State Public Health Laboratory

**Chapter 30—Determination of Blood Alcohol by Blood,
Breath, Saliva, and Urine Analysis; and Determination
for the Presence of Drugs in Blood, Saliva, and Urine**

ORDER OF RULEMAKING

By the authority vested in the Department of Health and Senior Services under sections 192.006 and 577.026, RSMo 2000, and sections 306.114, 306.117, 577.020, and 577.037, RSMo Supp. 2013, the department amends a rule as follows:

19 CSR 25-30.031 Type II Permit is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on October 15, 2013 (38 MoReg 1623–1625). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 19—DEPARTMENT OF HEALTH AND
SENIOR SERVICES**

Division 25—State Public Health Laboratory

**Chapter 30—Determination of Blood Alcohol by Blood,
Breath, Saliva, and Urine Analysis; and Determination
for the Presence of Drugs in Blood, Saliva, and Urine**

ORDER OF RULEMAKING

By the authority vested in the Department of Health and Senior Services under sections 192.006 and 577.026, RSMo 2000, and sections 306.114, 306.117, 577.020, and 577.037, RSMo Supp. 2013, the department amends a rule as follows:

19 CSR 25-30.050 Approved Breath Analyzers is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on October 15, 2013 (38 MoReg 1625). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 19—DEPARTMENT OF HEALTH AND
SENIOR SERVICES**

Division 25—State Public Health Laboratory

**Chapter 30—Determination of Blood Alcohol by Blood,
Breath, Saliva, and Urine Analysis; and Determination
for the Presence of Drugs in Blood, Saliva, and Urine**

ORDER OF RULEMAKING

By the authority vested in the Department of Health and Senior Services under sections 192.006 and 577.026, RSMo 2000, and sec-

tions 577.020 and 577.037, RSMo Supp. 2013, the department amends a rule as follows:

**19 CSR 25-30.051 Breath Analyzer Calibration and Accuracy
Verification Standards is amended.**

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on October 15, 2013 (38 MoReg 1625–1626). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 19—DEPARTMENT OF HEALTH AND
SENIOR SERVICES**

Division 25—State Public Health Laboratory

**Chapter 30—Determination of Blood Alcohol by Blood,
Breath, Saliva, and Urine Analysis; and Determination
for the Presence of Drugs in Blood, Saliva, and Urine**

ORDER OF RULEMAKING

By the authority vested in the Department of Health and Senior Services under sections 192.006 and 577.026, RSMo 2000, and sections 306.114, 306.117, 577.020, and 577.037, RSMo Supp. 2013, the department amends a rule as follows:

**19 CSR 25-30.060 Operating Procedures for Breath Analyzers
is amended.**

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on October 15, 2013 (38 MoReg 1626–1628). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 20—DEPARTMENT OF INSURANCE,
FINANCIAL INSTITUTIONS AND PROFESSIONAL
REGISTRATION**

**Division 400—Life, Annuities and Health
Chapter 2—Accident and Health Insurance in General**

ORDER OF RULEMAKING

By the authority vested in the Director of the Missouri Department of Insurance, Financial Institutions and Professional Registration under section 376.811.4, RSMo Supp. 2013, and section 376.814, RSMo 2000, the director amends a rule as follows:

**20 CSR 400-2.160 Mental Health Services Allowed
Out-of-Network is amended.**

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on October 1, 2013 (38 MoReg 1555–1556). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 20—DEPARTMENT OF INSURANCE,
FINANCIAL INSTITUTIONS AND PROFESSIONAL
REGISTRATION**

**Division 2030—Missouri Board for Architects,
Professional Engineers, Professional Land Surveyors,
and Landscape Architects**

Chapter 2—Code of Professional Conduct

ORDER OF RULEMAKING

By the authority vested in the Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Landscape Architects under section 327.041, RSMo Supp. 2013, the board amends a rule as follows:

20 CSR 2030-2.040 is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on September 16, 2013 (38 MoReg 1487). Those sections with changes are reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: The board received two (2) comments on the proposed amendment.

COMMENTS: Both letters were in support of the proposed amendment with one (1) change. One (1) from Christopher Swan, on behalf of AIA Missouri, and one (1) from Bruce Wylie, on behalf of the Missouri Society of Professional Engineers (MSPE). Both professional associations, AIA and MSPE, stated they support the amendment but felt it needed to be renamed. Instead of “Standard of Care when Evaluating Criteria for Building Design” it should be named “Evaluation Criteria for Building Design.” Messrs. Swan and Wylie stated all reference to “Standard of Care” should be eliminated from the rule and its definitions because Missouri law already defines the “Standard of Care.”

RESPONSE AND EXPLANATION OF CHANGE: The board concurs and has changed the rule title.

20 CSR 2030-2.040 Evaluation Criteria for Building Design

**Title 20—DEPARTMENT OF INSURANCE,
FINANCIAL INSTITUTIONS AND PROFESSIONAL
REGISTRATION**

**Division 2030—Missouri Board for Architects,
Professional Engineers, Professional Land Surveyors,
and Landscape Architects**

Chapter 2—Code of Professional Conduct

ORDER OF RULEMAKING

By the authority vested in the Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Landscape Architects under sections 327.041 and 327.411, RSMo Supp. 2013, the board amends a rule as follows:

20 CSR 2030-2.050 Title Block is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on September 16, 2013 (38 MoReg 1487). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: The board received two (2) comments in support of the proposed amendment.

COMMENTS: Letters of support were received from Christopher Swan, on behalf of AIA Missouri, and Bruce Wylie, on behalf of the Missouri Society of Professional Engineers (MSPE). Both professional associations, AIA and MSPE, stated they have no objection to the amended language and support it as filed.

RESPONSE: The board acknowledges these comments and very much appreciates the support. No changes have been made to the rule as a result of these comments.

**Title 20—DEPARTMENT OF INSURANCE,
FINANCIAL INSTITUTIONS AND PROFESSIONAL
REGISTRATION**

**Division 2030—Missouri Board for Architects,
Professional Engineers, Professional Land Surveyors,
and Landscape Architects**

Chapter 2—Code of Professional Conduct

ORDER OF RULEMAKING

By the authority vested in the Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Landscape Architects under section 327.041, RSMo Supp. 2013, the board withdraws a proposed rule as follows:

**20 CSR 2030-2.060 Guidelines for Acceptable Standard of Care
is withdrawn.**

A notice of proposed rulemaking containing the text of the proposed rule was published in the *Missouri Register* on September 16, 2013 (38 MoReg 1487-1488). The proposed rule is withdrawn.

SUMMARY OF COMMENTS: The board received two (2) comments in opposition to the proposed rule.

COMMENTS: Letters were received from Christopher Swan, on behalf of AIA Missouri, and Bruce Wylie, on behalf of the Missouri Society of Professional Engineers (MSPE). Both professional associations, AIA and MSPE, stated they do not believe that this rule is required since Missouri law already defines the “Standard of Care.” Therefore, this proposed rule adds nothing new and is not needed. Messrs. Swan and Wylie also stated their professional associations believe the Standard of Care is already defined in the board’s rule 20 CSR 2030-2.010 titled, Code of Professional Conduct, so this rule would be redundant.

RESPONSE: As a result, the board is withdrawing this rulemaking.

**Title 20—DEPARTMENT OF INSURANCE,
FINANCIAL INSTITUTIONS AND PROFESSIONAL
REGISTRATION**

**Division 2085—Board of Cosmetology and Barber
Examiners**

**Chapter 12—Schools and Student Rules—Barber and
Cosmetology**

ORDER OF RULEMAKING

By the authority vested in the Board of Cosmetology and Barber Examiners under sections 328.090, 328.120, 329.025, and 329.040, RSMo Supp. 2013, the board amends a rule as follows:

**20 CSR 2085-12.010 General Rules and Application Requirements
for All Schools is amended.**

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on October 15, 2013 (38 MoReg 1637). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 20—DEPARTMENT OF INSURANCE,
FINANCIAL INSTITUTIONS AND PROFESSIONAL
REGISTRATION**

**Division 2085—Board of Cosmetology and Barber
Examiners**

**Chapter 12—Schools and Student Rules—Barber and
Cosmetology**

ORDER OF RULEMAKING

By the authority vested in the Board of Cosmetology and Barber Examiners under sections 328.020, 328.090, 328.120, and 329.025, RSMo Supp. 2013, the board amends a rule as follows:

**20 CSR 2085-12.020 Specific Requirements for Barber Schools
is amended.**

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on October 15, 2013 (38 MoReg 1637–1638). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 20—DEPARTMENT OF INSURANCE,
FINANCIAL INSTITUTIONS AND PROFESSIONAL
REGISTRATION**

**Division 2085—Board of Cosmetology and Barber
Examiners**

Chapter 13—Crossover Licenses

ORDER OF RULEMAKING

By the authority vested in the Board of Cosmetology and Barber Examiners under sections 328.090, 328.120, 329.010.7, 329.025, and 329.040, RSMo Supp. 2013, the board amends a rule as follows:

20 CSR 2085-13.070 Crossover Schools is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on October 15, 2013 (38 MoReg 1638). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 20—DEPARTMENT OF INSURANCE,
FINANCIAL INSTITUTIONS AND PROFESSIONAL
REGISTRATION**

**Division 2165—Board of Examiners for Hearing
Instrument Specialists
Chapter 1—General Rules**

ORDER OF RULEMAKING

By the authority vested in the Board of Examiners for Hearing Instrument Specialists under section 346.125, RSMo Supp. 2013, the board amends a rule as follows:

20 CSR 2165-1.020 Fees is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on October 15, 2013 (38 MoReg 1638–1640). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 20—DEPARTMENT OF INSURANCE,
FINANCIAL INSTITUTIONS AND PROFESSIONAL
REGISTRATION**

**Division 2165—Board of Examiners for Hearing
Instrument Specialists**

Chapter 2—Licensure Requirements

ORDER OF RULEMAKING

By the authority vested in the Board of Examiners for Hearing Instrument Specialists under sections 346.060 and 346.115.1(7), RSMo 2000, and section 346.085, RSMo Supp. 2013, the board amends a rule as follows:

20 CSR 2165-2.030 Licensure by Examination is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on October 15, 2013 (38 MoReg 1641). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 20—DEPARTMENT OF INSURANCE,
FINANCIAL INSTITUTIONS AND PROFESSIONAL
REGISTRATION**

**Division 2200—State Board of Nursing
Chapter 1—Organization and Description of the Board**

ORDER OF RULEMAKING

By the authority vested in the State Board of Nursing under Chapter 335 and section 610.021(3) and (13), RSMo Supp. 2013, the board amends a rule as follows:

20 CSR 2200-1.010 General Organization is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on October 15, 2013 (38 MoReg 1641). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 20—DEPARTMENT OF INSURANCE,
FINANCIAL INSTITUTIONS AND PROFESSIONAL
REGISTRATION
Division 2200—State Board of Nursing
Chapter 4—General Rules**

ORDER OF RULEMAKING

By the authority vested in the State Board of Nursing under sections 335.036.1(2) and (7) and 335.066, RSMo Supp. 2013, and sections 335.046 and 335.051, RSMo 2000, the board amends a rule as follows:

20 CSR 2200-4.020 Requirements for Licensure **is amended**.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on October 15, 2013 (38 MoReg 1642). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 20—DEPARTMENT OF INSURANCE,
FINANCIAL INSTITUTIONS AND PROFESSIONAL
REGISTRATION
Division 2200—State Board of Nursing
Chapter 4—General Rules**

ORDER OF RULEMAKING

By the authority vested in the State Board of Nursing under section 335.036, RSMo Supp. 2013, the board amends a rule as follows:

20 CSR 2200-4.030 Public Complaint Handling and Disposition Procedure **is amended**.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on October 1, 2013 (38 MoReg 1556–1557). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 20—DEPARTMENT OF INSURANCE,
FINANCIAL INSTITUTIONS AND PROFESSIONAL
REGISTRATION
Division 2231—Division of Professional Registration
Chapter 2—Designation of License Renewal Dates and
Related Renewal Information**

ORDER OF RULEMAKING

By the authority vested in the Division of Professional Registration under section 324.001, RSMo Supp. 2013, the division amends a rule as follows:

20 CSR 2231-2.010 Designation of License Renewal Dates and Related Renewal Information **is amended**.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on October 15, 2013 (38 MoReg 1642–1643). No changes have been made in the

text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

This section may contain notice of hearings, correction notices, public information notices, rule action notices, statements of actual costs, and other items required to be published in the *Missouri Register* by law.

**Title 3—DEPARTMENT OF CONSERVATION
Division 10—Conservation Commission
Chapter 7—Wildlife Code: Hunting: Seasons, Methods,
Limits**

IN ADDITION

3 CSR 10-7.455 Turkeys: Seasons, Methods, Limits

As a matter of public information, the following dates and bag limits shall apply to turkey hunting seasons for 2014. These are based on the formula for season dates set out in subsections (1)(A), (1)(B), and (1)(D) of this rule in the *Code of State Regulations*, and actions of the Conservation Commission on December 13, 2013, to annually establish the season length and bag limit of the spring, fall, and youth hunting seasons.

The 2014 spring turkey hunting season will be twenty-one (21) days in length (April 21–May 11, 2014). A person possessing the prescribed turkey hunting permit may take two (2) male turkeys or turkeys with a visible beard during the season; provided, only one (1) turkey may be taken the first seven (7) days of the season (April 21–April 27, 2014) and only one (1) turkey may be taken per day from April 28–May 11, 2014. Shooting hours: one-half (1/2) hour before sunrise to 1:00 p.m., Central Daylight Saving Time.

Youth Spring Season Dates: April 12–13, 2014. Shooting hours: one-half (1/2) hour before sunrise to sunset, Central Daylight Saving Time. (*Opening date for the youth spring turkey hunting season is set in the Wildlife Code as the Saturday nine (9) days prior to the Monday opening of the spring turkey hunting season, except that when the youth season would overlap with Easter the season will open on the Saturday prior to Easter weekend.*)

The 2014 fall turkey hunting season will be thirty-one (31) days in length (October 1–October 31, 2014). Two (2) turkeys of either sex may be taken during the season. Shooting hours: one-half (1/2) hour before sunrise to sunset, Central Daylight Saving Time.

The Secretary of State is required by sections 347.141 and 359.481, RSMo 2000, to publish dissolutions of limited liability companies and limited partnerships. The content requirements for the one-time publishing of these notices are prescribed by statute. This listing is published pursuant to these statutes. We request that documents submitted for publication in this section be submitted in camera ready 8 1/2" x 11" manuscript by email to dissolutions@sos.mo.gov.

NOTICE OF DISSOLUTION TO ALL CREDITORS OF AND CLAIMANTS AGAINST V.I.P. ENTERPRISES, INC.

On November 21, 2013, V.I.P. ENTERPRISES, INC., a Missouri Corporation, filed Articles of Dissolution by Voluntary Action with the Missouri Secretary of State. Dissolution was effective November 21, 2013. You are hereby notified that if you believe you have a claim against V.I.P. ENTERPRISES, INC., you must submit a summary in writing of the circumstances surrounding your claim to The Rooks Law Firm, LLC at 1306 North Osteopathy Kirksville, MO 63501. The summary of your claim must include: 1. the name, address and telephone number of the claimant; 2. the amount claimed; 3. the basis of the claim; 4. the date on which the claim arose; and 5. documentation supporting the claim. All claims against the company will be barred unless a proceeding to enforce the claim is commenced within two (2) years after the publication of this notice.

NOTICE OF DISSOLUTION OF A CORPORATION TO ALL CREDITORS AND CLAIMANTS AGAINST PEARSON PROPERTIES, INC.

On November 25, 2013, Pearson Properties, Inc., a Missouri corporation, filed Articles of Dissolution with the Missouri Secretary of State, to be effective on 12/31/2013. All claims against Pearson Properties, Inc. should be presented in accordance with this notice. Written claims are to be addressed to Pearson Properties, Inc., c/o Steven W. Scott, 4000 Main Street, Kansas City, Missouri 64111. Each claim shall include the following: (1) the claimant's name, address and telephone number, (2) the amount of the claim, (3) the date on which the claim arose, (4) the basis of the claim and any documents related to the claim. Any and all claims against Pearson Properties, Inc. will be barred unless a proceeding to enforce the claim is commenced within two (2) years after the publication date of this notice.

NOTICE OF DISSOLUTION AND WINDING UP TO ALL CREDITORS OF AND CLAIMANTS AGAINST GET DESIGNS, LLC

On November 8, 2013, GET DESIGNS, LLC, a Missouri limited liability company was dissolved upon the filing of Articles of Termination with the Secretary of State.

Said limited liability company requests that all persons and organizations who have claims against it present them immediately by letter to: Gail Flores, 410 W. 68th Street, Kansas City, Missouri 64113. All claims must include the claimant's name, address and telephone number, the amount, date and basis for the claim.

ANY CLAIMS AGAINST GET DESIGNS, LLC WILL BE BARRED UNLESS A PROCEEDING TO ENFORCE THE CLAIM IS COMMENCED WITHIN THREE YEARS AFTER THE LAST PUBLICATION DATE OF THE NOTICES AUTHORIZED BY STATUTE.

**Notice of Dissolution
to All Creditors of and All Claimants Against
Bellevue Radiology, Incorporated**

On December 10, 2013, Bellevue Radiology, Incorporated, a Missouri corporation (the "Company"), filed its Articles of Dissolution by Voluntary Action with the Missouri Secretary of State. The dissolution of the Company shall be effective as of December 31, 2013 at 11:59 p.m.

Any claims against the Company must be sent to: Roy R. Auer, M.D., 89 Lake Forest Drive, St. Louis, Missouri 63117. Each claim must include the name, address and phone number of claimant; amount and nature of claim; date on which the claim arose; and any claim documentation.

All claims against the Company will be barred unless a proceeding to enforce the claim is commenced within two (2) years after the date of publication of this notice.

**NOTICE OF DISSOLUTION OF CORPORATION
TO ALL CREDITORS OF AND CLAIMANTS AGAINST
FLETCHER FARM MANAGEMENT, INC.**

On December 2, 2013, Fletcher Farm Management, Inc., a Missouri corporation (hereinafter the "Corporation") filed its Articles of Dissolution with the Missouri Secretary of State, effective as of December 31, 2013.

Any claims against the Corporation must be sent to Mark Thornbrough, 1353 South Main, P.O. Box 317, Gideon, Missouri 63848. Each claim must include the following information: the name, address and phone number of the claimant; the amount claimed; the date on which the claim arose; the basis for the claim; and any documentation for the claim.

All claims against the Corporation will be barred unless a proceeding to enforce the claim is commenced within two (2) years after the publication of this Notice.

**NOTICE OF DISSOLUTION TO ALL
CREDITORS AND CLAIMANTS AGAINST
PFPK, INC.**

PFPK, INC., a Missouri corporation, was dissolved on December 11, 2013. Any and all claims against PFPK, Inc. should be forwarded to Mr. P. Franklin Ross, 105 Jefferson Road, St. Louis, Missouri 63119. Each claim should include the following: (i) the name, address and telephone number of the claimant; (ii) the amount of the claim; (iii) the basis for the claim; and (iv) the date(s) on which the event(s) on which the claim is based occurred. Any claims against PFPK, INC. will be barred unless a proceeding to enforce the claim is commenced within two (2) years after the publication of this notice.

**NOTICE OF WINDING UP OF LIMITED LIABILITY COMPANY
TO ALL CREDITORS OF AND CLAIMANTS AGAINST
ALL STARS FUNDRAISERS, LLC**

On December 11, 2013, ALL STARS FUNDRAISERS, LLC, a Missouri limited liability company ("Company"), filed its Notice of Winding Up with the Missouri Secretary of State, effective on the filing date.

All persons and organizations must submit to Company, c/o Frank C. Carnahan, Carnahan, Evans, Cantwell & Brown, P.C., 2805 S. Ingram Mill, Springfield, Missouri 65804, a written summary of any claims against Company, including: 1) claimant's name, address and telephone number; 2) amount of claim; 3) date(s) claim accrued (or will accrue); 4) brief description of the nature of the debt or the basis for the claim; and 5) if the claim is secured, and if so, the collateral used as security.

Because of the dissolution, any claims against Company will be barred unless a proceeding to enforce the claim is commenced within three (3) years after the last of filing or publication of this Notice.

**NOTICE OF WINDING UP OF LIMITED LIABILITY COMPANY
TO ALL CREDITORS AND CLAIMANTS AGAINST
WESTRICH MANUFACTURING, L.L.C.**

On December 13, 2013, Westrich Manufacturing, L.L.C. ("Company"), a Missouri limited liability company (Charter #LC0073938) filed its Notice of Winding Up with the Missouri Secretary of State, effective on the filing date.

All persons and organizations must submit to Westrich Manufacturing, L.L.C. c/o Craig M. Billmeyer, Bradshaw, Steele, Cochrane & Berens, L.C., PO Box 1300, Cape Girardeau, MO 63702-1300, a written summary of any claims against the Company, including 1) claimant's name, address and telephone number; 2) amount of claim; 3) date(s) claim accrued (or will accrue); 4) brief description of the debt or the basis for the claim; and 5) if the claim is secured, and if so, the collateral used as security.

Because of the dissolution, any claims against the Company will be barred unless a proceeding to enforce the claim is commenced within three (3) years after the last filing or publication of this notice.

**NOTICE OF WINDING UP OF LIMITED LIABILITY COMPANY TO
ALL CREDITORS AND CLAIMANTS AGAINST OZARK HOSPITALITY LLC**

On December 9, 2013, Ozark Hospitality LLC, a Missouri limited liability company (the "Company"), filed its Notice of Winding Up for a limited liability company with the Missouri Secretary of State.

Any claims against the Company must be sent to Joseph R. Davis at 838 Evergreen, Fulton, Missouri 65251. Each claim must include the name, address, and telephone number of claimant; amount and nature of claim; date on which the claim arose; and any claim documentation. All claims against the Company will be barred unless a proceeding to enforce the claim is commenced within three (3) years after the date of the publication of this notice.

NOTICE OF WINDING UP OF
LIMITED LIABILITY COMPANY
TO ALL CREDITORS OF
AND CLAIMANTS AGAINST
BETTER BUSINESS METHODS, L.L.C.

On December 16, 2013, Better Business Methods, L.L.C., a Missouri limited liability company (hereinafter the "Company") filed its Notice Of Winding Up for a Limited Liability Company with the Missouri Secretary of State.

Any claims against the Company may be sent to: Larry J. Porschen, UHY Advisors MO, Inc., 15 Sunnen Drive, Suite 100, St. Louis, MO 63143. Each claim must include the following information: name, address, and phone number of the claimant; amount of claim; date on which the claim arose; basis for the claim; and documentation in support of the claim.

All claims against the Company shall be barred unless the proceeding to enforce the claim is commenced within three (3) years after the publication of this notice.

Rule Changes Since Update to Code of State Regulations

This cumulative table gives you the latest status of rules. It contains citations of rulemakings adopted or proposed after deadline for the monthly Update Service to the *Code of State Regulations*, citations are to volume and page number in the *Missouri Register*, except for material in this issue. The first number in the table cite refers to the volume number or the publication year—37 (2012) and 38 (2013). MoReg refers to *Missouri Register* and the numbers refer to a specific *Register* page, R indicates a rescission, W indicates a withdrawal, S indicates a statement of actual cost, T indicates an order terminating a rule, N.A. indicates not applicable, RAN indicates a rule action notice, RUC indicates a rule under consideration, and F indicates future effective date.

| Rule Number | Agency | Emergency | Proposed | Order | In Addition |
|------------------|--|---------------|----------------|------------|--------------------------------|
| 1 CSR 10 | OFFICE OF ADMINISTRATION State Officials' Salary Compensation Schedule | | | | 37 MoReg 1859 38 MoReg 2053 |
| 1 CSR 10-7.010 | Commissioner of Administration | | 38 MoReg 1738 | | |
| 1 CSR 20-5.015 | Personnel Advisory Board and Division of Personnel | | 38 MoReg 1608 | | |
| 1 CSR 20-5.020 | Personnel Advisory Board and Division of Personnel | | 38 MoReg 1608 | | |
| | DEPARTMENT OF AGRICULTURE | | | | |
| 2 CSR 30-2.020 | Animal Health | | 38 MoReg 1360 | | |
| 2 CSR 30-10.010 | Animal Health | | 39 MoReg 68 | | |
| 2 CSR 80-2.050 | State Milk Board | | 38 MoReg 1363 | This Issue | |
| 2 CSR 80-5.010 | State Milk Board | | 38 MoReg 1363 | This Issue | |
| 2 CSR 90-10 | Weights and Measures | | | | 38 MoReg 1241 |
| | DEPARTMENT OF CONSERVATION | | | | |
| 3 CSR 10-3.010 | Conservation Commission | | 38 MoReg 1742 | This Issue | |
| 3 CSR 10-4.130 | Conservation Commission | | 38 MoReg 1742 | This Issue | |
| 3 CSR 10-5.430 | Conservation Commission | | 38 MoReg 1742 | This Issue | |
| 3 CSR 10-6.510 | Conservation Commission | | 38 MoReg 1742 | This Issue | |
| 3 CSR 10-6.545 | Conservation Commission | | 38 MoReg 1743 | This Issue | |
| 3 CSR 10-6.550 | Conservation Commission | | 38 MoReg 1743 | This Issue | |
| 3 CSR 10-7.410 | Conservation Commission | | 38 MoReg 1744 | This Issue | |
| 3 CSR 10-7.431 | Conservation Commission | | 38 MoReg 1744 | This Issue | |
| 3 CSR 10-7.433 | Conservation Commission | | 38 MoReg 1744 | This Issue | |
| 3 CSR 10-7.440 | Conservation Commission | | 38 MoReg 1745 | This Issue | |
| 3 CSR 10-7.455 | Conservation Commission | | | | This Issue |
| 3 CSR 10-9.105 | Conservation Commission | | 38 MoReg 1745 | This Issue | |
| 3 CSR 10-9.110 | Conservation Commission | | 38 MoReg 1747 | This Issue | |
| 3 CSR 10-9.442 | Conservation Commission | | 38 MoReg 1750 | This Issue | |
| 3 CSR 10-10.705 | Conservation Commission | | 38 MoReg 1750 | This Issue | |
| 3 CSR 10-10.744 | Conservation Commission | | 38 MoReg 1752 | This Issue | |
| 3 CSR 10-11.130 | Conservation Commission | | 38 MoReg 1752 | This Issue | |
| 3 CSR 10-11.180 | Conservation Commission | | 38 MoReg 1752 | This Issue | |
| 3 CSR 10-11.184 | Conservation Commission | | 38 MoReg 1753 | This Issue | |
| 3 CSR 10-11.185 | Conservation Commission | | 38 MoReg 1753 | This Issue | |
| 3 CSR 10-11.205 | Conservation Commission | | 38 MoReg 1754 | This Issue | |
| 3 CSR 10-12.110 | Conservation Commission | | 38 MoReg 1754 | This Issue | |
| 3 CSR 10-12.115 | Conservation Commission | | 38 MoReg 1755 | This Issue | |
| 3 CSR 10-12.125 | Conservation Commission | | 38 MoReg 1756 | This Issue | |
| 3 CSR 10-12.135 | Conservation Commission | | 38 MoReg 1756 | This Issue | |
| 3 CSR 10-12.140 | Conservation Commission | | 38 MoReg 1757 | This Issue | |
| 3 CSR 10-12.145 | Conservation Commission | | 38 MoReg 1757 | This Issue | |
| | DEPARTMENT OF ECONOMIC DEVELOPMENT | | | | |
| 4 CSR 85-8.010 | Division of Business and Community Services | 38 MoReg 1925 | | | |
| 4 CSR 85-8.020 | Division of Business and Community Services | 38 MoReg 1934 | | | |
| 4 CSR 85-8.030 | Division of Business and Community Services | 38 MoReg 1934 | | | |
| 4 CSR 85-9.010 | Division of Business and Community Services | 38 MoReg 1935 | | | |
| 4 CSR 85-9.020 | Division of Business and Community Services | 38 MoReg 1936 | | | |
| 4 CSR 85-9.030 | Division of Business and Community Services | 38 MoReg 1937 | | | |
| 4 CSR 85-9.040 | Division of Business and Community Services | 38 MoReg 1947 | | | |
| 4 CSR 85-9.050 | Division of Business and Community Services | 38 MoReg 1954 | | | |
| 4 CSR 240-3.570 | Public Service Commission | | 38 MoReg 1461R | | |
| 4 CSR 240-13.010 | Public Service Commission | | 38 MoReg 1363 | | |
| 4 CSR 240-13.015 | Public Service Commission | | 38 MoReg 1364 | | |
| 4 CSR 240-13.020 | Public Service Commission | | 38 MoReg 1365 | | |
| 4 CSR 240-13.025 | Public Service Commission | | 38 MoReg 1366 | | |
| 4 CSR 240-13.030 | Public Service Commission | | 38 MoReg 1367 | | |
| 4 CSR 240-13.035 | Public Service Commission | | 38 MoReg 1368 | | |
| 4 CSR 240-13.040 | Public Service Commission | | 38 MoReg 1369 | | |
| 4 CSR 240-13.045 | Public Service Commission | | 38 MoReg 1370 | | |
| 4 CSR 240-13.050 | Public Service Commission | | 38 MoReg 1371 | | |
| 4 CSR 240-13.055 | Public Service Commission | | 38 MoReg 1375 | | |
| 4 CSR 240-13.060 | Public Service Commission | | 38 MoReg 1375 | | |

| Rule Number | Agency | Emergency | Proposed | Order | In Addition |
|---|---|---------------|----------------|---------------|-------------|
| 4 CSR 240-13.070 | Public Service Commission | | 38 MoReg 1376 | | |
| 4 CSR 240-18.010 | Public Service Commission | | 38 MoReg 1377 | 39 MoReg 149 | |
| 4 CSR 240-31.010 | Public Service Commission | | 38 MoReg 1461 | | |
| 4 CSR 240-31.020 | Public Service Commission | | 38 MoReg 1463 | | |
| 4 CSR 240-31.030 | Public Service Commission | | 38 MoReg 1464 | | |
| 4 CSR 240-31.040 | Public Service Commission | | 38 MoReg 1465R | | |
| 4 CSR 240-31.050 | Public Service Commission | | 38 MoReg 1465R | | |
| 4 CSR 240-31.060 | Public Service Commission | | 38 MoReg 1466 | | |
| 4 CSR 240-31.065 | Public Service Commission | | 38 MoReg 1467R | | |
| 4 CSR 240-31.070 | Public Service Commission | | 38 MoReg 1468R | | |
| 4 CSR 240-31.080 | Public Service Commission | | 38 MoReg 1468R | | |
| 4 CSR 240-31.090 | Public Service Commission | | 38 MoReg 1468 | | |
| 4 CSR 240-31.100 | Public Service Commission | | 38 MoReg 1469R | | |
| 4 CSR 240-31.110 | Public Service Commission | | 38 MoReg 1469 | | |
| 4 CSR 240-31.120 | Public Service Commission | | 38 MoReg 1470 | | |
| 4 CSR 240-31.130 | Public Service Commission | | 38 MoReg 1472 | | |
| 4 CSR 240-50.050 | Public Service Commission | | 38 MoReg 1477 | 39 MoReg 149 | |
| 4 CSR 240-120.065 | Public Service Commission | | 38 MoReg 1480 | | |
| 4 CSR 240-120.085 | Public Service Commission | | 38 MoReg 1481 | | |
| 4 CSR 240-120.130 | Public Service Commission | | 38 MoReg 1481 | | |
| 4 CSR 240-123.065 | Public Service Commission | | 38 MoReg 1482 | | |
| 4 CSR 240-123.070 | Public Service Commission | | 38 MoReg 1483 | | |
| 4 CSR 240-123.095 | Public Service Commission | | 38 MoReg 1483 | | |
| 4 CSR 240-125.010 | Public Service Commission | | 38 MoReg 1484 | | |
| 4 CSR 240-125.040 | Public Service Commission | | 38 MoReg 1484 | | |
| 4 CSR 240-125.070 | Public Service Commission | | 38 MoReg 1485 | | |
| DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION | | | | | |
| 5 CSR 10-1.010 | Commissioner of Education | | 38 MoReg 1527 | | |
| 5 CSR 10-2.010 | Commissioner of Education | | 38 MoReg 1966 | | |
| 5 CSR 10-2.020 | Commissioner of Education | | 38 MoReg 1971 | | |
| 5 CSR 10-2.030 | Commissioner of Education | | 38 MoReg 1971 | | |
| 5 CSR 20-100.170 | Division of Learning Services | | 38 MoReg 1972R | | |
| 5 CSR 20-100.255 | Division of Learning Services | | 37 MoReg 1571 | 38 MoReg 520F | |
| 5 CSR 20-100.265 | Division of Learning Services | | 38 MoReg 1758 | | |
| 5 CSR 20-200.290 | Division of Learning Services | | 38 MoReg 1762 | | |
| 5 CSR 20-200.300 | Division of Learning Services | | 38 MoReg 1762 | | |
| 5 CSR 20-300.160 | Division of Learning Services | | 38 MoReg 1527 | | |
| 5 CSR 20-300.170 | Division of Learning Services | | 38 MoReg 1528 | | |
| 5 CSR 20-300.180 | Division of Learning Services | | 38 MoReg 1531 | | |
| 5 CSR 20-300.190 | Division of Learning Services | | 38 MoReg 1531 | | |
| 5 CSR 20-300.200 | Division of Learning Services | | 38 MoReg 1531 | | |
| 5 CSR 20-400.120 | Division of Learning Services | | This IssueR | | |
| 5 CSR 20-400.130 | Division of Learning Services | | This IssueR | | |
| 5 CSR 20-400.140 | Division of Learning Services | | This IssueR | | |
| 5 CSR 20-400.375 | Division of Learning Services | | 38 MoReg 825 | | |
| | | | 38 MoReg 1972 | | |
| 5 CSR 20-400.500 | Division of Learning Services | | 38 MoReg 1976 | | |
| 5 CSR 20-400.510 | Division of Learning Services | | 38 MoReg 1977 | | |
| 5 CSR 20-400.520 | Division of Learning Services | | 38 MoReg 1978 | | |
| 5 CSR 20-400.530 | Division of Learning Services | | 38 MoReg 1979 | | |
| 5 CSR 20-400.540 | Division of Learning Services | | 38 MoReg 1981 | | |
| 5 CSR 20-400.550 | Division of Learning Services | | 38 MoReg 1985 | | |
| 5 CSR 20-400.560 | Division of Learning Services | | 38 MoReg 1987 | | |
| 5 CSR 20-400.570 | Division of Learning Services | | 38 MoReg 1992 | | |
| 5 CSR 20-400.580 | Division of Learning Services | | 38 MoReg 1992 | | |
| 5 CSR 20-400.590 | Division of Learning Services | | 38 MoReg 1993 | | |
| 5 CSR 20-400.600 | Division of Learning Services | | 38 MoReg 1994 | | |
| 5 CSR 20-400.610 | Division of Learning Services | | 38 MoReg 1994 | | |
| 5 CSR 20-400.620 | Division of Learning Services | | 38 MoReg 1998 | | |
| 5 CSR 20-400.630 | Division of Learning Services | | 38 MoReg 1998 | | |
| 5 CSR 20-400.640 | Division of Learning Services | | 38 MoReg 1999 | | |
| 5 CSR 20-400.650 | Division of Learning Services | | 38 MoReg 2002 | | |
| 5 CSR 20-400.660 | Division of Learning Services | | 38 MoReg 2003 | | |
| 5 CSR 20-400.670 | Division of Learning Services | | 38 MoReg 2005 | | |
| 5 CSR 20-400.680 | Division of Learning Services | | 38 MoReg 2006 | | |
| 5 CSR 20-400.690 | Division of Learning Services | | 38 MoReg 2007 | | |
| 5 CSR 20-400.700 | Division of Learning Services | | 38 MoReg 2008 | | |
| 5 CSR 20-500.120 | Division of Learning Services | | 38 MoReg 1764 | | |
| 5 CSR 30-640.100 | Division of Financial and Administrative Services | | 38 MoReg 1532R | | |
| DEPARTMENT OF TRANSPORTATION | | | | | |
| 7 CSR 10-6.010 | Missouri Highways and Transportation Commission | | 38 MoReg 1860 | | |
| 7 CSR 10-6.015 | Missouri Highways and Transportation Commission | | 38 MoReg 1861 | | |
| 7 CSR 10-6.020 | Missouri Highways and Transportation Commission | | 38 MoReg 1862 | | |
| 7 CSR 10-6.030 | Missouri Highways and Transportation Commission | | 38 MoReg 1863 | | |
| 7 CSR 10-6.040 | Missouri Highways and Transportation Commission | | 38 MoReg 1864 | | |
| 7 CSR 10-6.050 | Missouri Highways and Transportation Commission | | 38 MoReg 1870 | | |
| 7 CSR 10-6.060 | Missouri Highways and Transportation Commission | | 38 MoReg 1870 | | |
| 7 CSR 10-6.070 | Missouri Highways and Transportation Commission | | 38 MoReg 1871 | | |
| 7 CSR 10-6.080 | Missouri Highways and Transportation Commission | | 38 MoReg 1873 | | |
| 7 CSR 10-6.085 | Missouri Highways and Transportation Commission | | 38 MoReg 1874 | | |
| 7 CSR 10-6.090 | Missouri Highways and Transportation Commission | | 38 MoReg 1876 | | |
| 7 CSR 60-2.010 | Traffic and Highway Safety Division | 38 MoReg 1591 | 38 MoReg 1610 | | |
| 7 CSR 60-2.020 | Traffic and Highway Safety Division | 38 MoReg 1593 | 38 MoReg 1611 | | |
| 7 CSR 60-2.030 | Traffic and Highway Safety Division | 38 MoReg 1595 | 38 MoReg 1612 | | |

| Rule Number | Agency | Emergency | Proposed | Order | In Addition |
|---|---|---------------|-------------------------------|----------------|-------------------------------|
| 7 CSR 60-2.040 | Traffic and Highway Safety Division | 38 MoReg 1597 | 38 MoReg 1613 | | |
| 7 CSR 60-2.050 | Traffic and Highway Safety Division | 38 MoReg 1600 | 38 MoReg 1615 | | |
| 7 CSR 60-2.060 | Traffic and Highway Safety Division | | 38 MoReg 1616 | | |
| DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS | | | | | |
| 8 CSR 10-3.085 | Division of Employment Security | | 38 MoReg 1876 | | |
| 8 CSR 10-3.150 | Division of Employment Security | 38 MoReg 1515 | 38 MoReg 1532 | This Issue | |
| 8 CSR 10-4.020 | Division of Employment Security | | 38 MoReg 1533 | This Issue | |
| 8 CSR 10-4.210 | Division of Employment Security | 38 MoReg 1516 | 38 MoReg 1533 | This Issue | |
| 8 CSR 50-2.030 | Division of Workers' Compensation | | 38 MoReg 2087 | | |
| DEPARTMENT OF NATURAL RESOURCES | | | | | |
| 10 CSR 10-3.010 | Air Conservation Commission | | 38 MoReg 1100R | 38 MoReg 2045R | |
| 10 CSR 10-5.240 | Air Conservation Commission | | 38 MoReg 1877R | | |
| 10 CSR 10-6.010 | Air Conservation Commission | | 38 MoReg 2089 | | |
| 10 CSR 10-6.020 | Air Conservation Commission | | 38 MoReg 1265 | | |
| 10 CSR 10-6.161 | Air Conservation Commission | | 38 MoReg 1297 | | |
| 10 CSR 10-6.200 | Air Conservation Commission | | 38 MoReg 1382 | | |
| | | | 38 MoReg 2008 | | |
| 10 CSR 20-6.011 | Clean Water Commission | | 38 MoReg 1534 | | |
| 10 CSR 20-7.015 | Clean Water Commission | | 38 MoReg 913 | This Issue | |
| 10 CSR 20-7.031 | Clean Water Commission | | 38 MoReg 939 | This Issue | |
| 10 CSR 26-2.062 | Petroleum and Hazardous Substance Storage Tanks | | 38 MoReg 1160 | 39 MoReg 150 | |
| 10 CSR 26-2.078 | Petroleum and Hazardous Substance Storage Tanks | | 38 MoReg 1161 | 39 MoReg 154 | |
| 10 CSR 26-2.082 | Petroleum and Hazardous Substance Storage Tanks | | 38 MoReg 1162 | 39 MoReg 158 | |
| 10 CSR 40-6.030 | Land Reclamation Commission | | 38 MoReg 1298 | 38 MoReg 2045 | |
| 10 CSR 40-6.070 | Land Reclamation Commission | | 38 MoReg 1299 | 38 MoReg 2045 | |
| 10 CSR 40-6.100 | Land Reclamation Commission | | 38 MoReg 1300 | 38 MoReg 2045 | |
| 10 CSR 40-8.030 | Land Reclamation Commission | | 38 MoReg 1301 | 38 MoReg 2046 | |
| 10 CSR 40-8.040 | Land Reclamation Commission | | 38 MoReg 1301 | 38 MoReg 2046 | |
| 10 CSR 140-2 | Division of Energy | | | | 38 MoReg 432 38 MoReg 1431 |
| DEPARTMENT OF PUBLIC SAFETY | | | | | |
| 11 CSR 30-14.010 | Office of the Director | 38 MoReg 243 | 38 MoReg 249 38 MoReg 1486 | 39 MoReg 162 | |
| 11 CSR 30-15.010 | Office of the Director | 38 MoReg 1351 | 38 MoReg 1391 | 39 MoReg 163 | |
| 11 CSR 45-4.010 | Missouri Gaming Commission | | This Issue | | |
| 11 CSR 45-4.020 | Missouri Gaming Commission | | This Issue | | |
| 11 CSR 45-4.030 | Missouri Gaming Commission | | This Issue | | |
| 11 CSR 45-4.055 | Missouri Gaming Commission | | This Issue | | |
| 11 CSR 45-4.190 | Missouri Gaming Commission | | This Issue | | |
| 11 CSR 45-4.200 | Missouri Gaming Commission | | This Issue | | |
| 11 CSR 45-4.205 | Missouri Gaming Commission | | This IssueR | | |
| 11 CSR 45-4.260 | Missouri Gaming Commission | | This Issue | | |
| 11 CSR 45-4.380 | Missouri Gaming Commission | | This Issue | | |
| 11 CSR 45-4.390 | Missouri Gaming Commission | | This Issue | | |
| 11 CSR 45-4.400 | Missouri Gaming Commission | | This Issue | | |
| 11 CSR 45-4.410 | Missouri Gaming Commission | | This Issue | | |
| 11 CSR 45-4.420 | Missouri Gaming Commission | | This Issue | | |
| 11 CSR 45-5.237 | Missouri Gaming Commission | | 38 MoReg 2019 | | |
| 11 CSR 45-7.170 | Missouri Gaming Commission | | This Issue | | |
| 11 CSR 45-9.111 | Missouri Gaming Commission | | 38 MoReg 2020 | | |
| 11 CSR 45-9.113 | Missouri Gaming Commission | | This Issue | | |
| 11 CSR 45-9.118 | Missouri Gaming Commission | | This Issue | | |
| 11 CSR 45-9.119 | Missouri Gaming Commission | | 38 MoReg 2022 | | |
| 11 CSR 45-10.020 | Missouri Gaming Commission | | This Issue | | |
| 11 CSR 45-13.030 | Missouri Gaming Commission | | This Issue | | |
| 11 CSR 75-17.010 | Peace Officer Standards and Training Program | 38 MoReg 1517 | 38 MoReg 1549 | 39 MoReg 163 | |
| 11 CSR 75-17.020 | Peace Officer Standards and Training Program | 38 MoReg 1518 | 38 MoReg 1549 | 39 MoReg 163 | |
| 11 CSR 75-17.030 | Peace Officer Standards and Training Program | 38 MoReg 1518 | 38 MoReg 1549 | 39 MoReg 163 | |
| 11 CSR 75-17.040 | Peace Officer Standards and Training Program | 38 MoReg 1519 | 38 MoReg 1550 | 39 MoReg 163 | |
| DEPARTMENT OF REVENUE | | | | | |
| 12 CSR 10-2.052 | Director of Revenue | | 38 MoReg 1764 | | |
| 12 CSR 10-23.500 | Director of Revenue | 38 MoReg 1520 | 38 MoReg 1550 | 39 MoReg 164 | |
| 12 CSR 10-41.010 | Director of Revenue | 38 MoReg 1965 | 38 MoReg 2022 | | |
| DEPARTMENT OF SOCIAL SERVICES | | | | | |
| 13 CSR 35-36.010 | Children's Division | | 38 MoReg 2025 | | |
| 13 CSR 35-71.010 | Children's Division | | This Issue | | |
| 13 CSR 35-71.020 | Children's Division | | This Issue | | |
| 13 CSR 35-71.025 | Children's Division | | This Issue | | |
| 13 CSR 35-71.030 | Children's Division | | This Issue | | |
| 13 CSR 35-71.035 | Children's Division | | This Issue | | |
| 13 CSR 35-71.040 | Children's Division | | This Issue | | |
| 13 CSR 35-71.045 | Children's Division | | This Issue | | |
| 13 CSR 35-71.050 | Children's Division | | This Issue | | |
| 13 CSR 35-71.060 | Children's Division | | This Issue | | |
| 13 CSR 35-71.070 | Children's Division | | This Issue | | |
| 13 CSR 35-71.075 | Children's Division | | This Issue | | |
| 13 CSR 35-71.080 | Children's Division | | This Issue | | |
| 13 CSR 35-71.090 | Children's Division | | This Issue | | |

| Rule Number | Agency | Emergency | Proposed | Order | In Addition |
|----------------------------------|---|---------------|---------------|---------------|-------------|
| 13 CSR 35-71.100 | Children's Division | | This Issue | | |
| 13 CSR 35-71.110 | Children's Division | | This Issue | | |
| 13 CSR 35-71.120 | Children's Division | | This Issue | | |
| 13 CSR 35-71.130 | Children's Division | | This Issue | | |
| 13 CSR 35-71.140 | Children's Division | | This Issue | | |
| 13 CSR 40-2.010 | Family Support Division | | 38 MoReg 1393 | 39 MoReg 164 | |
| 13 CSR 40-7.010 | Family Support Division | | 38 MoReg 1394 | 39 MoReg 164 | |
| 13 CSR 40-7.015 | Family Support Division | | 38 MoReg 1395 | 39 MoReg 164 | |
| 13 CSR 40-7.020 | Family Support Division | | 38 MoReg 1396 | 39 MoReg 165 | |
| 13 CSR 40-7.030 | Family Support Division | | 38 MoReg 1396 | 39 MoReg 165 | |
| 13 CSR 40-7.040 | Family Support Division | | 38 MoReg 1397 | 39 MoReg 165 | |
| 13 CSR 40-24.080 | Family Support Division | | 38 MoReg 2026 | | |
| 13 CSR 40-24.090 | Family Support Division | | 38 MoReg 2032 | | |
| 13 CSR 40-24.100 | Family Support Division | | 38 MoReg 2035 | | |
| 13 CSR 40-100.040 | Family Support Division | 38 MoReg 1601 | 38 MoReg 1617 | This Issue | |
| 13 CSR 65-2.010 | Missouri Medicaid Audit and Compliance | | This Issue | | |
| 13 CSR 65-2.020 | Missouri Medicaid Audit and Compliance | | This Issue | | |
| 13 CSR 65-2.030 | Missouri Medicaid Audit and Compliance | | This Issue | | |
| 13 CSR 70-3.030 | MO Heathcote Division | | 38 MoReg 1617 | | |
| 13 CSR 70-3.200 | MO HealthNet Division | | 38 MoReg 1877 | | |
| 13 CSR 70-4.120 | MO HealthNet Division | | 38 MoReg 1765 | | |
| 13 CSR 70-10.015 | MO HealthNet Division | | 38 MoReg 1218 | 38 MoReg 2046 | |
| 13 CSR 70-10.016 | MO HealthNet Division | | 38 MoReg 2039 | | |
| 13 CSR 70-10.030 | MO HealthNet Division | | This Issue | | |
| 13 CSR 70-10.160 | MO HealthNet Division | 38 MoReg 1520 | 38 MoReg 1221 | 38 MoReg 2046 | |
| 13 CSR 70-15.010 | MO HealthNet Division | 38 MoReg 1215 | 38 MoReg 1222 | 38 MoReg 2046 | |
| 13 CSR 70-15.030 | MO HealthNet Division | | 38 MoReg 1618 | | |
| 13 CSR 70-15.110 | MO HealthNet Division | 38 MoReg 1216 | 38 MoReg 1226 | 38 MoReg 2046 | |
| 13 CSR 70-15.160 | MO HealthNet Division | | 38 MoReg 1232 | 38 MoReg 2047 | |
| 13 CSR 70-20.031 | MO HealthNet Division | | 38 MoReg 1619 | | |
| 13 CSR 70-20.032 | MO HealthNet Division | | 38 MoReg 1620 | | |
| 13 CSR 70-20.050 | MO HealthNet Division | | 38 MoReg 1620 | | |
| 13 CSR 70-20.060 | MO HealthNet Division | | 38 MoReg 1768 | | |
| 13 CSR 70-20.071 | MO HealthNet Division | | 38 MoReg 1769 | | |
| 13 CSR 70-20.200 | MO HealthNet Division | | 38 MoReg 1769 | | |
| 13 CSR 70-20.250 | MO HealthNet Division | | 38 MoReg 1621 | | |
| 13 CSR 70-20.300 | MO HealthNet Division | | 38 MoReg 1621 | | |
| 13 CSR 70-20.310 | MO HealthNet Division | | 38 MoReg 1622 | | |
| 13 CSR 70-25.120 | MO HealthNet Division | | 38 MoReg 1880 | | |
| 13 CSR 70-40.010 | MO HealthNet Division | | 38 MoReg 1882 | | |
| 13 CSR 70-45.010 | MO HealthNet Division | | 38 MoReg 1883 | | |
| 13 CSR 70-50.010 | MO HealthNet Division | | 38 MoReg 1770 | | |
| 13 CSR 70-60.010 | MO HealthNet Division | | 38 MoReg 1776 | | |
| 13 CSR 70-70.010 | MO HealthNet Division | | 38 MoReg 1776 | | |
| 13 CSR 70-98.015 | MO HealthNet Division | | 38 MoReg 1777 | | |
| 13 CSR 70-98.020 | MO HealthNet Division | | 38 MoReg 1884 | | |
| DEPARTMENT OF CORRECTIONS | | | | | |
| 14 CSR 80-5.010 | State Board of Probation and Parole | | 38 MoReg 2043 | | |
| 14 CSR 80-5.020 | State Board of Probation and Parole | | 38 MoReg 2043 | | |
| ELECTED OFFICIALS | | | | | |
| 15 CSR 30-15.010 | Secretary of State | | 38 MoReg 1553 | This Issue | |
| 15 CSR 30-15.020 | Secretary of State | | 38 MoReg 1553 | This Issue | |
| 15 CSR 30-15.030 | Secretary of State | | 38 MoReg 1486 | 39 MoReg 166 | |
| 15 CSR 30-50.010 | Secretary of State | | 38 MoReg 835 | | |
| 15 CSR 30-50.040 | Secretary of State | | This Issue | | |
| 15 CSR 30-52.015 | Secretary of State | | 38 MoReg 835 | | |
| 15 CSR 30-52.030 | Secretary of State | | This Issue | | |
| 15 CSR 30-52.275 | Secretary of State | | 38 MoReg 836 | | |
| 15 CSR 30-54.010 | Secretary of State | | This Issue | | |
| 15 CSR 30-54.070 | Secretary of State | | 38 MoReg 837 | | |
| 15 CSR 30-54.150 | Secretary of State | | This Issue | | |
| 15 CSR 30-90.010 | Secretary of State | 38 MoReg 1522 | 38 MoReg 838 | | |
| 15 CSR 30-90.090 | Secretary of State | 38 MoReg 1522 | This Issue | | |
| 15 CSR 30-90.170 | Secretary of State | 38 MoReg 1523 | 38 MoReg 1554 | This Issue | |
| RETIREMENT SYSTEMS | | | | | |
| 16 CSR 10-1.040 | The Public School Retirement System of Missouri | | 38 MoReg 1232 | 38 MoReg 2047 | |
| 16 CSR 10-3.010 | The Public School Retirement System of Missouri | | 38 MoReg 1233 | 38 MoReg 2047 | |
| 16 CSR 10-4.005 | The Public School Retirement System of Missouri | | 38 MoReg 1234 | 38 MoReg 2047 | |
| 16 CSR 10-5.010 | The Public School Retirement System of Missouri | | 38 MoReg 1235 | 38 MoReg 2047 | |

| Rule Number | Agency | Emergency | Proposed | Order | In Addition |
|--|--|---------------|----------------|----------------|-------------------------------|
| 16 CSR 10-6.020 | The Public School Retirement System of Missouri | | 38 MoReg 1235 | 38 MoReg 2048 | |
| 16 CSR 10-6.060 | The Public School Retirement System of Missouri | | 38 MoReg 1237 | 38 MoReg 2048 | |
| DEPARTMENT OF HEALTH AND SENIOR SERVICES | | | | | |
| 19 CSR 25-30.031 | State Public Health Laboratory | 38 MoReg 1602 | 38 MoReg 1623 | This Issue | |
| 19 CSR 25-30.050 | State Public Health Laboratory | 38 MoReg 1604 | 38 MoReg 1625 | This Issue | |
| 19 CSR 25-30.051 | State Public Health Laboratory | | 38 MoReg 1625 | This Issue | |
| 19 CSR 25-30.060 | State Public Health Laboratory | 38 MoReg 1604 | 38 MoReg 1626 | This Issue | |
| 19 CSR 30-20.098 | Division of Regulation and Licensure | | 38 MoReg 1166 | 38 MoReg 2093 | |
| 19 CSR 30-20.110 | Division of Regulation and Licensure | | 38 MoReg 1167 | 38 MoReg 2093 | |
| 19 CSR 30-20.112 | Division of Regulation and Licensure | | 38 MoReg 1168 | 38 MoReg 2093 | |
| 19 CSR 30-20.114 | Division of Regulation and Licensure | | 38 MoReg 1168 | 38 MoReg 2094 | |
| 19 CSR 30-20.118 | Division of Regulation and Licensure | | 38 MoReg 1170 | 38 MoReg 2094 | |
| 19 CSR 30-20.122 | Division of Regulation and Licensure | | 38 MoReg 1170R | 38 MoReg 2094R | |
| 19 CSR 30-20.124 | Division of Regulation and Licensure | | 38 MoReg 1171 | 38 MoReg 2094 | |
| 19 CSR 30-20.142 | Division of Regulation and Licensure | | 38 MoReg 1171 | 38 MoReg 2095 | |
| 19 CSR 60-50 | Missouri Health Facilities Review Committee | | | | 38 MoReg 2056 39 MoReg 167 |
| DEPARTMENT OF INSURANCE, FINANCIAL INSTITUTIONS AND PROFESSIONAL REGISTRATION | | | | | |
| 20 CSR | Applied Behavior Analysis Maximum Benefit | | | | 38 MoReg 432 |
| 20 CSR | Construction Claims Binding Arbitration Cap | | | | 38 MoReg 147 39 MoReg 167 |
| 20 CSR | Sovereign Immunity Limits | | | | 38 MoReg 147 39 MoReg 167 |
| 20 CSR | State Legal Expense Fund Cap | | | | 38 MoReg 147 39 MoReg 167 |
| 20 CSR 200-2.100 | Insurance Solvency and Company Regulation | 38 MoReg 1695 | 38 MoReg 1778 | | |
| 20 CSR 400-2.160 | Life, Annuities and Health | | 38 MoReg 1555 | This Issue | |
| 20 CSR 400-5.600 | Life, Annuities and Health | | 38 MoReg 1885 | | |
| 20 CSR 400-11.100 | Life, Annuities and Health | 38 MoReg 1353 | 38 MoReg 1397 | 38 MoReg 2095 | |
| 20 CSR 400-11.120 | Life, Annuities and Health | 38 MoReg 1732 | 38 MoReg 1816 | | |
| 20 CSR 400-12.100 | Life, Annuities and Health | 38 MoReg 1737 | 38 MoReg 1826 | | |
| 20 CSR 1140-30.240 | Division of Finance | | 38 MoReg 1628 | | |
| 20 CSR 2030-2.040 | Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Landscape Architects | | 38 MoReg 1487 | This Issue | |
| 20 CSR 2030-2.050 | Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Landscape Architects | | 38 MoReg 1487 | This Issue | |
| 20 CSR 2030-2.060 | Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Landscape Architects | | 38 MoReg 1487 | This Issue | |
| 20 CSR 2063-6.005 | Behavior Analyst Advisory Board | | 38 MoReg 1631 | | |
| 20 CSR 2085-8.070 | Board of Cosmetology and Barber Examiners | | 39 MoReg 68 | | |
| 20 CSR 2085-12.010 | Board of Cosmetology and Barber Examiners | | 38 MoReg 1637 | This Issue | |
| 20 CSR 2085-12.020 | Board of Cosmetology and Barber Examiners | | 38 MoReg 1637 | This Issue | |
| 20 CSR 2085-13.070 | Board of Cosmetology and Barber Examiners | | 38 MoReg 1638 | This Issue | |
| 20 CSR 2145-1.040 | Missouri Board of Geologist Registration | | 38 MoReg 1114 | 38 MoReg 2048 | |
| 20 CSR 2145-2.020 | Missouri Board of Geologist Registration | | 38 MoReg 1116 | 38 MoReg 2048 | |
| 20 CSR 2145-2.030 | Missouri Board of Geologist Registration | | 38 MoReg 1116 | 38 MoReg 2048 | |
| 20 CSR 2145-2.065 | Missouri Board of Geologist Registration | | 38 MoReg 1117 | 38 MoReg 2049 | |
| 20 CSR 2145-2.080 | Missouri Board of Geologist Registration | | 38 MoReg 1120 | 38 MoReg 2049 | |
| 20 CSR 2165-1.020 | Board of Examiners for Hearing Instrument Specialists | | 38 MoReg 1638 | This Issue | |
| 20 CSR 2165-2.030 | Board of Examiners for Hearing Instrument Specialists | | 38 MoReg 1641 | This Issue | |
| 20 CSR 2200-1.010 | State Board of Nursing | | 38 MoReg 1641 | This Issue | |
| 20 CSR 2200-4.020 | State Board of Nursing | | 38 MoReg 1642 | This Issue | |
| 20 CSR 2200-4.030 | State Board of Nursing | | 38 MoReg 1556 | This Issue | |
| 20 CSR 2205-3.030 | Missouri Board of Occupational Therapy | | 38 MoReg 1303 | 38 MoReg 2049 | |
| 20 CSR 2210-2.030 | State Board of Optometry | | 39 MoReg 73 | | |
| 20 CSR 2220-2.950 | State Board of Pharmacy | | 38 MoReg 1237 | 38 MoReg 2049 | |
| 20 CSR 2231-2.010 | Division of Professional Registration | | 38 MoReg 1643 | This Issue | |
| 20 CSR 2232-1.040 | Missouri State Committee of Interpreters | | 38 MoReg 1409 | 38 MoReg 2095 | |
| 20 CSR 2232-2.010 | Missouri State Committee of Interpreters | | 38 MoReg 1412 | 38 MoReg 2096 | |
| 20 CSR 2232-2.020 | Missouri State Committee of Interpreters | | 38 MoReg 1416 | 38 MoReg 2096 | |
| 20 CSR 2232-2.030 | Missouri State Committee of Interpreters | | 38 MoReg 1420 | 38 MoReg 2096 | |
| 20 CSR 2234-1.010 | Board of Private Investigator Examiners | | 38 MoReg 1643 | | |
| 20 CSR 2234-1.020 | Board of Private Investigator Examiners | | 38 MoReg 1643 | | |
| 20 CSR 2234-1.030 | Board of Private Investigator Examiners | | 38 MoReg 1644 | | |
| 20 CSR 2234-1.040 | Board of Private Investigator Examiners | | 38 MoReg 1644 | | |
| 20 CSR 2234-1.050 | Board of Private Investigator Examiners | | 38 MoReg 1645 | | |
| 20 CSR 2234-2.010 | Board of Private Investigator Examiners | | 38 MoReg 1649 | | |
| 20 CSR 2234-2.015 | Board of Private Investigator Examiners | | 38 MoReg 1649 | | |
| 20 CSR 2234-2.020 | Board of Private Investigator Examiners | | 38 MoReg 1654 | | |
| 20 CSR 2234-2.030 | Board of Private Investigator Examiners | | 38 MoReg 1654 | | |
| 20 CSR 2234-2.040 | Board of Private Investigator Examiners | | 38 MoReg 1654 | | |
| 20 CSR 2234-3.010 | Board of Private Investigator Examiners | | 38 MoReg 1658 | | |
| 20 CSR 2234-3.020 | Board of Private Investigator Examiners | | 38 MoReg 1658 | | |
| 20 CSR 2234-3.030 | Board of Private Investigator Examiners | | 38 MoReg 1659 | | |
| 20 CSR 2234-3.040 | Board of Private Investigator Examiners | | 38 MoReg 1659 | | |

| Rule Number | Agency | Emergency | Proposed | Order | In Addition |
|---|---|----------------|----------------|----------------|-------------|
| 20 CSR 2234-3.070 | Board of Private Investigator Examiners | | 38 MoReg 1659 | | |
| 20 CSR 2234-4.010 | Board of Private Investigator Examiners | | 38 MoReg 1660R | | |
| 20 CSR 2234-4.020 | Board of Private Investigator Examiners | | 38 MoReg 1660R | | |
| 20 CSR 2234-4.030 | Board of Private Investigator Examiners | | 38 MoReg 1660R | | |
| 20 CSR 2234-4.040 | Board of Private Investigator Examiners | | 38 MoReg 1660R | | |
| 20 CSR 2234-4.050 | Board of Private Investigator Examiners | | 38 MoReg 1661R | | |
| 20 CSR 2234-6.010 | Board of Private Investigator Examiners | | 38 MoReg 1661 | | |
| 20 CSR 2234-7.010 | Board of Private Investigator Examiners | | 38 MoReg 1665 | | |
| 20 CSR 2235-1.020 | State Committee of Psychologists | | 38 MoReg 1175 | 38 MoReg 2050 | |
| 20 CSR 2235-1.025 | State Committee of Psychologists | | 38 MoReg 1179 | 38 MoReg 2050 | |
| 20 CSR 2235-1.026 | State Committee of Psychologists | | 38 MoReg 1179 | 38 MoReg 2050 | |
| 20 CSR 2235-1.030 | State Committee of Psychologists | | 38 MoReg 1179R | 38 MoReg 2051R | |
| | | | 38 MoReg 1180 | 38 MoReg 2051 | |
| 20 CSR 2235-2.060 | State Committee of Psychologists | | 38 MoReg 1182 | 38 MoReg 2051 | |
| 20 CSR 2235-2.065 | State Committee of Psychologists | | 38 MoReg 1182 | 38 MoReg 2051 | |
| 20 CSR 2245-1.010 | Real Estate Appraisers | | 38 MoReg 1303 | 38 MoReg 2052 | |
| 20 CSR 2245-3.005 | Real Estate Appraisers | | 38 MoReg 1304 | 38 MoReg 2052 | |
| 20 CSR 2245-3.010 | Real Estate Appraisers | | 38 MoReg 1304 | 38 MoReg 2052 | |
| 20 CSR 2245-6.040 | Real Estate Appraisers | | 38 MoReg 1305 | 38 MoReg 2052 | |
| 20 CSR 2245-8.010 | Real Estate Appraisers | | 38 MoReg 1305 | 38 MoReg 2052 | |
| 20 CSR 2245-8.030 | Real Estate Appraisers | | 38 MoReg 1306 | 38 MoReg 2052 | |
| MISSOURI CONSOLIDATED HEALTH CARE PLAN | | | | | |
| 22 CSR 10-1.010 | Health Care Plan | | 39 MoReg 73 | | |
| 22 CSR 10-1.020 | Health Care Plan | | 39 MoReg 73 | | |
| 22 CSR 10-2.010 | Health Care Plan | 39 MoReg 5 | 39 MoReg 74 | | |
| 22 CSR 10-2.020 | Health Care Plan | 39 MoReg 7 | 39 MoReg 75 | | |
| 22 CSR 10-2.030 | Health Care Plan | 39 MoReg 13 | 39 MoReg 81 | | |
| 22 CSR 10-2.045 | Health Care Plan | 39 MoReg 15 | 39 MoReg 83 | | |
| 22 CSR 10-2.051 | Health Care Plan | 39 MoReg 16 | 39 MoReg 84 | | |
| 22 CSR 10-2.052 | Health Care Plan | 39 MoReg 17 | 39 MoReg 87 | | |
| 22 CSR 10-2.053 | Health Care Plan | 39 MoReg 18 | 39 MoReg 89 | | |
| 22 CSR 10-2.054 | Health Care Plan | 39 MoReg 20R | 39 MoReg 92R | | |
| 22 CSR 10-2.055 | Health Care Plan | 39 MoReg 20R | 39 MoReg 92R | | |
| | | 39 MoReg 21 | 39 MoReg 92 | | |
| 22 CSR 10-2.060 | Health Care Plan | 39 MoReg 31 | 39 MoReg 105 | | |
| 22 CSR 10-2.070 | Health Care Plan | 39 MoReg 33 | 39 MoReg 106 | | |
| 22 CSR 10-2.075 | Health Care Plan | 39 MoReg 34 | 39 MoReg 107 | | |
| 22 CSR 10-2.089 | Health Care Plan | 39 MoReg 36 | 39 MoReg 109 | | |
| 22 CSR 10-2.090 | Health Care Plan | 39 MoReg 38 | 39 MoReg 113 | | |
| 22 CSR 10-2.094 | Health Care Plan | 38 MoReg 1524 | 38 MoReg 1557 | | |
| 22 CSR 10-2.110 | Health Care Plan | | 39 MoReg 115 | | |
| 22 CSR 10-2.120 | Health Care Plan | 38 MoReg 1525 | 38 MoReg 1559 | | |
| 22 CSR 10-2.130 | Health Care Plan | 38 MoReg 1359R | 38 MoReg 1420R | 38 MoReg 2096R | |
| 22 CSR 10-2.140 | Health Care Plan | 39 MoReg 41 | 39 MoReg 116 | | |
| 22 CSR 10-3.010 | Health Care Plan | 39 MoReg 42 | 39 MoReg 119 | | |
| 22 CSR 10-3.020 | Health Care Plan | 39 MoReg 42 | 39 MoReg 119 | | |
| 22 CSR 10-3.045 | Health Care Plan | 39 MoReg 44 | 39 MoReg 120 | | |
| 22 CSR 10-3.053 | Health Care Plan | 39 MoReg 45 | 39 MoReg 121 | | |
| 22 CSR 10-3.054 | Health Care Plan | 39 MoReg 46R | 39 MoReg 125R | | |
| 22 CSR 10-3.055 | Health Care Plan | 39 MoReg 46 | 39 MoReg 125 | | |
| 22 CSR 10-3.056 | Health Care Plan | 39 MoReg 48 | 39 MoReg 126 | | |
| 22 CSR 10-3.057 | Health Care Plan | 39 MoReg 48R | 39 MoReg 128R | | |
| | | 39 MoReg 49 | 39 MoReg 128 | | |
| 22 CSR 10-3.060 | Health Care Plan | 39 MoReg 59 | 39 MoReg 141 | | |
| 22 CSR 10-3.075 | Health Care Plan | 39 MoReg 61 | 39 MoReg 142 | | |
| 22 CSR 10-3.090 | Health Care Plan | 39 MoReg 64 | 39 MoReg 145 | | |
| 22 CSR 10-3.130 | Health Care Plan | 38 MoReg 1359R | 38 MoReg 1423R | 38 MoReg 2096R | |

| Agency | Publication | Effective | Expiration |
|---|--|-----------------------|-----------------------|
| Department of Economic Development | | | |
| Division of Business and Community Services | | | |
| 4 CSR 85-8.010 | Definitions38 MoReg 1925 |Nov. 7, 2013 |May 5, 2014 |
| 4 CSR 85-8.020 | Program Administration38 MoReg 1934 |Nov. 7, 2013 |May 5, 2014 |
| 4 CSR 85-8.030 | Tax Credit Accountability Act Compliance38 MoReg 1934 |Nov. 7, 2013 |May 5, 2014 |
| 4 CSR 85-9.010 | Definitions38 MoReg 1935 |Nov. 7, 2013 |May 5, 2014 |
| 4 CSR 85-9.020 | Application Process38 MoReg 1936 |Nov. 7, 2013 |May 5, 2014 |
| 4 CSR 85-9.030 | Project Proposal38 MoReg 1937 |Nov. 7, 2013 |May 5, 2014 |
| 4 CSR 85-9.040 | Event Notification38 MoReg 1947 |Nov. 7, 2013 |May 5, 2014 |
| 4 CSR 85-9.050 | Final Application38 MoReg 1954 |Nov. 7, 2013 |May 5, 2014 |
| Department of Transportation | | | |
| Traffic and Highway Safety Division | | | |
| 7 CSR 60-2.010 | Definitions38 MoReg 1591 |Oct. 1, 2013 |March 29, 2014 |
| 7 CSR 60-2.020 | Approval Procedure38 MoReg 1593 |Oct. 1, 2013 |March 29, 2014 |
| 7 CSR 60-2.030 | Standards and Specifications38 MoReg 1595 |Oct. 1, 2013 |March 29, 2014 |
| 7 CSR 60-2.040 | Responsibilities of Authorized Service Providers38 MoReg 1597 |Oct. 1, 2013 |March 29, 2014 |
| 7 CSR 60-2.050 | Breath Alcohol Ignition Interlock Device Security38 MoReg 1600 |Oct. 1, 2013 |March 29, 2014 |
| Department of Labor and Industrial Relations | | | |
| Division of Employment Security | | | |
| 8 CSR 10-3.150 | Fraud Penalties on Federal and State Benefits38 MoReg 1515 |Oct. 1, 2013 |March 29, 2014 |
| 8 CSR 10-4.210 | Prohibition on the Non-Charging Benefits38 MoReg 1516 |Oct. 1, 2013 |March 29, 2014 |
| Department of Public Safety | | | |
| Office of the Director | | | |
| 11 CSR 30-15.010 | Format for Concealed Carry Permits38 MoReg 1351 |Aug. 28, 2013 |Feb. 27, 2014 |
| Peace Officer Standards and Training Program | | | |
| 11 CSR 75-17.010 | Minimum Training Standards for School Protection Officer Training Centers38 MoReg 1517 |Sept. 2, 2013 |Feb. 28, 2014 |
| 11 CSR 75-17.020 | Minimum Training Standards for School Protection Officer Training Instructors38 MoReg 1518 |Sept. 2, 2013 |Feb. 28, 2014 |
| 11 CSR 75-17.030 | Minimum Training Standards for School Protection Officers38 MoReg 1518 |Sept. 2, 2013 |Feb. 28, 2014 |
| 11 CSR 75-17.040 | Minimum Continuing Education Training Standards for School Protection Officers38 MoReg 1519 |Sept. 2, 2013 |Feb. 28, 2014 |
| Department of Revenue | | | |
| Director of Revenue | | | |
| 12 CSR 10-23.500 | Optional Second Plate for Commercial Motor Vehicles . . .38 MoReg 1520 |Aug. 29, 2013 |Feb. 27, 2014 |
| 12 CSR 10-41.010 | Annual Adjusted Rate of Interest38 MoReg 1965 |Jan. 1, 2014 |June 29, 2014 |
| Department of Social Services | | | |
| Family Support Division | | | |
| 13 CSR 40-2.010 | General Application ProceduresNext Issue |Jan. 1, 2014 |Feb. 28, 2014 |
| 13 CSR 40-7.010 | Scope and DefinitionsNext Issue |Jan. 1, 2014 |Feb. 28, 2014 |
| 13 CSR 40-7.015 | Application Procedure for Family MO HealthNet Programs and the Children's Health Insurance Program (CHIP) . . .Next Issue |Jan. 1, 2014 |Feb. 28, 2014 |
| 13 CSR 40-7.020 | Household CompositionNext Issue |Jan. 1, 2014 |Feb. 28, 2014 |
| 13 CSR 40-7.030 | Calculation of Modified Adjusted Gross Income (MAGI) .Next Issue |Jan. 1, 2014 |Feb. 28, 2014 |
| 13 CSR 40-7.040 | Verification ProceduresNext Issue |Jan. 1, 2014 |Feb. 28, 2014 |
| 13 CSR 40-100.040 | State Directory of New Hires38 MoReg 1601 |Sept. 26, 2013 |March 24, 2014 |
| MO HealthNet Division | | | |
| 13 CSR 70-10.160 | Public/Private Long-Term Care Services and Supports Partnership Supplemental Payment to Nursing Facilities . .38 MoReg 1520 |Sept. 7, 2013 |March 5, 2014 |

| Agency | Publication | Effective | Expiration |
|--|---|--------------------------|--|
| Elected Officials | | | |
| Secretary of State | | | |
| 15 CSR 30-90.010 | Definitions | .38 MoReg 1522 | Aug. 28, 2013Feb. 27, 2014 |
| 15 CSR 30-90.090 | Refusal to File; Cancellation; Defects in Filing | .38 MoReg 1522 | Aug. 28, 2013Feb. 27, 2014 |
| 15 CSR 30-90.170 | Status of Parties upon Filing an Information Statement | .38 MoReg 1523 | Aug. 28, 2013Feb. 27, 2014 |
| Retirement Systems | | | |
| Missouri Local Government Employees' Retirement System (LAGERS) | | | |
| 16 CSR 20-2.060 | Correction of Errors | Next Issue | Jan. 2, 2014June 30, 2014 |
| Department of Health and Senior Services | | | |
| State Public Health Laboratory | | | |
| 19 CSR 25-30.031 | Type II Permits | .38 MoReg 1602 | Sept. 15, 2013March 13, 2014 |
| 19 CSR 25-30.050 | Approved Breath Analyzers | .38 MoReg 1604 | Sept. 15, 2013March 13, 2014 |
| 19 CSR 25-30.060 | Operating Procedures for Breath Analyzers | .38 MoReg 1604 | Sept. 15, 2013March 13, 2014 |
| Department of Insurance, Financial Institutions and Professional Registration | | | |
| Financial Examination | | | |
| 20 CSR 200-2.100 | Credit for Reinsurance | .38 MoReg 1695 | Jan. 1, 2014June 29, 2014 |
| Life, Annuities and Health | | | |
| 20 CSR 400-11.100 | Navigator Examination and Licensing Procedures and Standards | .38 MoReg 1353 | Aug. 3, 2013Jan. 29, 2014 |
| 20 CSR 400-11.120 | Continuing Education for Individual Navigators | .38 MoReg 1732 | Sept. 30, 2013March 28, 2014 |
| 20 CSR 400-12.100 | Missouri Health Insurance Pool Transitional Plan of Operation | .38 MoReg 1737 | Sept. 30, 2013March 28, 2014 |
| Missouri State Board of Accountancy | | | |
| 20 CSR 2010-2.160 | Fees | .38 MoReg 1159 | June 28, 2013Feb. 27, 2014 |
| Acupuncturist Advisory Committee | | | |
| 20 CSR 2015-1.030 | Fees | .38 MoReg 751 | April 18, 2013Jan. 28, 2014 |
| Committee for Professional Counselors | | | |
| 20 CSR 2095-1.020 | Fees | .38 MoReg 751 | April 18, 2013Jan. 28, 2014 |
| Missouri Consolidated Health Care Plan | | | |
| Health Care Plan | | | |
| 22 CSR 10-2.010 | Definitions | .39 MoReg 5 | Jan. 1, 2014June 29, 2014 |
| 22 CSR 10-2.020 | General Membership Provisions | .39 MoReg 6 | Jan. 1, 2014June 29, 2014 |
| 22 CSR 10-2.030 | Contributions | .39 MoReg 13 | Jan. 1, 2014June 29, 2014 |
| 22 CSR 10-2.045 | Plan Utilization Review Policy | .39 MoReg 15 | Jan. 1, 2014June 29, 2014 |
| 22 CSR 10-2.051 | PPO 300 Plan Benefit Provisions and Covered Charges | .39 MoReg 16 | Jan. 1, 2014June 29, 2014 |
| 22 CSR 10-2.052 | PPO 600 Plan Benefit Provisions and Covered Charges | .39 MoReg 17 | Jan. 1, 2014June 29, 2014 |
| 22 CSR 10-2.053 | High Deductible Health Plan Benefit Provisions and Covered Charges | .39 MoReg 18 | Jan. 1, 2014June 29, 2014 |
| 22 CSR 10-2.054 | Medicare Supplement Plan Benefit Provisions and Covered Charges | .39 MoReg 20 | Jan. 1, 2014June 29, 2014 |
| 22 CSR 10-2.055 | Medical Plan Benefit Provisions and Covered Charges | .39 MoReg 20 | Jan. 1, 2014June 29, 2014 |
| 22 CSR 10-2.055 | Medical Plan Benefit Provisions and Covered Charges | .39 MoReg 21 | Jan. 1, 2014June 29, 2014 |
| 22 CSR 10-2.060 | PPO 300 Plan, PPO 600 Plan, and HDHP Limitations | .39 MoReg 31 | Jan. 1, 2014June 29, 2014 |
| 22 CSR 10-2.070 | Coordination of Benefits | .39 MoReg 33 | Jan. 1, 2014June 29, 2014 |
| 22 CSR 10-2.075 | Review and Appeals Procedure | .39 MoReg 34 | Jan. 1, 2014June 29, 2014 |
| 22 CSR 10-2.089 | Pharmacy Employer Group Waiver Plan for Medicare Primary Members | .39 MoReg 36 | Jan. 1, 2014June 29, 2014 |
| 22 CSR 10-2.090 | Pharmacy Benefit Summary | .39 MoReg 38 | Jan. 1, 2014June 29, 2014 |
| 22 CSR 10-2.094 | Tobacco-Free Incentive Provisions and Limitations | .38 MoReg 1524 | Oct. 1, 2013March 29, 2014 |
| 22 CSR 10-2.120 | Wellness Program | .38 MoReg 1525 | Oct. 1, 2013March 29, 2014 |
| 22 CSR 10-2.130 | Additional Plan Options | .38 MoReg 1359 | July 26, 2013Jan. 21, 2014 |
| 22 CSR 10-2.140 | Wellness Center Provisions, Charges, and Services | .39 MoReg 41 | Jan. 1, 2014June 29, 2014 |
| 22 CSR 10-3.010 | Definitions | .39 MoReg 42 | Jan. 1, 2014June 29, 2014 |
| 22 CSR 10-3.020 | General Membership Provisions | .39 MoReg 42 | Jan. 1, 2014June 29, 2014 |
| 22 CSR 10-3.045 | Plan Utilization Review Policy | .39 MoReg 44 | Jan. 1, 2014June 29, 2014 |

| Agency | | Publication | Effective | Expiration |
|------------------------|---|--------------------------|-------------------------|-------------------|
| 22 CSR 10-3.053 | PPO 1000 Plan Benefit Provisions and Covered Charges . . . | .39 MoReg 45 | Jan. 1, 2014 | June 29, 2014 |
| 22 CSR 10-3.054 | PPO 2000 Plan Benefit Provisions and Covered Charges . . . | .39 MoReg 46 | Jan. 1, 2014 | June 29, 2014 |
| 22 CSR 10-3.055 | High Deductible Health Plan Provisions and Covered Charges | .39 MoReg 46 | Jan. 1, 2014 | June 29, 2014 |
| 22 CSR 10-3.056 | PPO 600 Plan Benefit Provisions and Covered Charges . . . | .39 MoReg 48 | Jan. 1, 2014 | June 29, 2014 |
| 22 CSR 10-3.057 | Medical Plan Benefit Provisions and Covered Charges . . . | .39 MoReg 48 | Jan. 1, 2014 | June 29, 2014 |
| 22 CSR 10-3.057 | Medical Plan Benefit Provisions and Covered Charges . . . | .39 MoReg 49 | Jan. 1, 2014 | June 29, 2014 |
| 22 CSR 10-3.060 | PPO 600, PPO 1000 Plan, and HDHP Limitations | .39 MoReg 59 | Jan. 1, 2014 | June 29, 2014 |
| 22 CSR 10-3.075 | Review and Appeals Procedure | .39 MoReg 61 | Jan. 1, 2014 | June 29, 2014 |
| 22 CSR 10-3.090 | Pharmacy Benefit Summary | .39 MoReg 64 | Jan. 1, 2014 | June 29, 2014 |
| 22 CSR 10-3.130 | Additional Plan Options | .38 MoReg 1359 | July 26, 2013 | Jan. 21, 2014 |

| Executive Orders | Subject Matter | Filed Date | Publication |
|------------------|--|----------------|---------------|
| | 2013 | | |
| 13-14 | Orders the Missouri Department of Revenue to follow sections 143.031.1 and 143.091, RSMo, and require all taxpayers who properly file a joint federal income tax return to file a combined state income tax return. | Nov. 14, 2013 | 38 MoReg 2085 |
| 13-13 | Advises that state offices will be closed on Friday November 29, 2013. | Nov. 1, 2013 | 38 MoReg 1859 |
| 13-12 | Activates the state militia in response to the heavy rains, flooding, and flash flooding that began on Aug. 2, 2013. | Aug. 7, 2013 | 38 MoReg 1459 |
| 13-11 | Declares a state of emergency and activates the Missouri State Operation Plan due to heavy rains, flooding, and flash flooding. | Aug. 6, 2013 | 38 MoReg 1457 |
| 13-10 | Declares a state of emergency exists in the state of Missouri and directs that the Missouri State Emergency Operations Plan be activated. | May 31, 2013 | 38 MoReg 1097 |
| 13-09 | Designates members of the governor's staff to have supervisory authority over certain departments, divisions, and agencies. | May 3, 2013 | 38 MoReg 879 |
| 13-08 | Activates the state militia in response to severe weather that began on April 16, 2013. | April 19, 2013 | 38 MoReg 823 |
| 13-07 | Declares a state of emergency and directs that the Missouri State Emergency Operations Plan be activated due to severe weather that began on April 16, 2013. | April 19, 2013 | 38 MoReg 821 |
| 13-06 | Declares a state of emergency and activates the Missouri State Emergency Operations Plan in response to severe weather that began on April 10, 2013. | April 10, 2013 | 38 MoReg 753 |
| 13-05 | Declares a state of emergency and directs that the Missouri State Emergency Operations Plan be activated due to severe weather that began on Feb. 20, 2013. | Feb. 21, 2013 | 38 MoReg 505 |
| 13-04 | Expresses the commitment of the state of Missouri to the establishment of Western Governors University (WGU) as a non-profit institution of higher education located in Missouri that will provide enhanced access for Missourians to enroll in and complete on-line, competency-based higher education programs. Contemporaneously with this Executive Order, the state of Missouri is entering into a Memorandum of Understanding (MOU) with WGU to further memorialize and establish the partnership between the state of Missouri and WGU. | Feb. 15, 2013 | 38 MoReg 467 |
| 13-03 | Orders the transfer of the Division of Energy from the Missouri Department of Natural Resources to the Missouri Department of Economic Development. | Feb. 4, 2013 | 38 MoReg 465 |
| 13-02 | Orders the transfer of the post-issuance compliance functions for tax credit and job incentive programs from the Missouri Department of Economic Development to the Missouri Department of Revenue. | Feb. 4, 2013 | 38 MoReg 463 |
| 13-01 | Orders the transfer of the Center for Emergency Response and Terrorism from the Department of Health and Senior Services to the Department of Public Safety. | Feb. 4, 2013 | 38 MoReg 461 |

The rule number and the MoReg publication date follow each entry to this index.

ACCOUNTANCY, MISSOURI STATE BOARD OF
fees; 20 CSR 2010-2.160; 7/15/13, 11/1/13

ADMINISTRATION, OFFICE OF
commissioner of administration

Missouri accountability portal; 1 CSR 10-7.010; 11/1/13
personnel advisory board and division of personnel
definitions of terms; 1 CSR 20-5.015; 10/15/13
leaves of absence; 1 CSR 20-5.020; 10/15/13
state official's salary compensation schedule; 1 CSR 10; 12/2/13

AGRICULTURE

animal health

inspection of meat and poultry; 2 CSR 30-10.010; 1/2/14
movement of livestock, poultry, and exotic animals within
Missouri; 2 CSR 30-2.020; 9/3/13

state milk board

inspection fees; 2 CSR 80-5.010; 9/3/13, 1/15/14
inspection frequency and procedure; 2 CSR 80-2.050; 9/3/13,
1/15/14

weights and measures

quality standards for motor fuels; 2 CSR 90-30.040; 7/1/13

AIR QUALITY, AIR POLLUTION CONTROL

additional air quality control measures may be required when
sources are clustered in a small land area; 10 CSR 10-
5.240; 11/15/13

ambient air quality standards; 10 CSR 10-6.010; 12/16/13
auto exhaust emission control; 10 CSR 10-3.010; 7/1/13, 12/2/13
commercial and industrial solid waste incinerators; 10 CSR 10-
6.161; 8/15/13

controlling emissions during episodes of high air pollution
potential; 10 CSR 10-6.130; 6/17/13, 11/1/13

definitions and common reference tables; 10 CSR 10-6.020;
8/15/13

emission standards for hazardous air pollutants; 10 CSR 10-6.080;
6/17/13, 11/1/13

hospital, medical, infection waste incinerators; 10 CSR 10-6.200;
9/3/13, 12/2/13

maximum achievable control technology regulations; 10 CSR 10-
6.075; 6/17/13, 11/1/13

new source performance regulations; 10 CSR 10-6.070; 6/17/13,
11/1/13

**ARCHITECTS, PROFESSIONAL ENGINEERS,
PROFESSIONAL LAND SURVEYORS, AND LANDSCAPE
ARCHITECTS, MISSOURI BOARD FOR**

guidelines for acceptable standard of care; 20 CSR 2030-2.060;
9/16/13, 1/15/14

standard of care when evaluating criteria for building design; 20
CSR 2030-2.040; 9/16/13, 1/15/14

title block; 20 CSR 2030-2.050; 9/16/13, 1/15/14

BEHAVIOR ANALYST ADVISORY BOARD

ethical rules of conduct; 20 CSR 2063-6.005; 10/15/13

**BREATH ALCOHOL IGNITION INTERLOCK DEVICE
CERTIFICATION AND OPERATIONAL REQUIREMENTS**

approval procedure; 7 CSR 60-2.020; 4/15/13
breath alcohol ignition interlock device security; 7 CSR 60-2.050;
4/15/13

definitions; 7 CSR 60-2.010; 4/15/13

responsibilities of authorized service providers; 7 CSR 60-2.040;
4/15/13

standards and specifications; 7 CSR 60-2.030; 4/15/13

suspension or revocation of approval of a device; 7 CSR 60-2.060;
4/15/13

BUSINESS AND COMMUNITY SERVICES, DIVISION OF
application process; 4 CSR 85-9.020; 12/2/13
definitions

4 CSR 85-8.010; 12/2/13

4 CSR 85-9.010; 12/2/13

event notification; 4 CSR 85-9.040; 12/2/13

final application; 4 CSR 85-9.050; 12/2/13

project proposal; 4 CSR 85-9.030; 12/2/13

program administration; 4 CSR 85-8.020; 12/2/13

tax credit accountability act compliance; 4 CSR 85-8.030; 12/2/13

CERTIFICATE OF NEED PROGRAM

application review schedule; 19 CSR 60-50; 11/1/13, 12/2/13,
1/2/14

CHILDREN'S DIVISION

alternative care review board; 13 CSR 35-36.010; 12/2/13

basic residential treatment for children and youth core requirements
(applicable to all agencies)—basis for licensure and licens-
ing procedures; 13 CSR 35-71.020; 1/15/14

buildings, grounds, and equipment; 13 CSR 35-71.080; 1/15/14

child care program; 13 CSR 35-71.110; 1/15/14

court review and dispositional hearing; 13 CSR 35-71.030; 1/15/14

definitions; 13 CSR 35-71.010; 1/15/14

exemptions of religious residential treatment for children and youth
operating sites; 13 CSR 35-71.025; 1/15/14

hand-up pilot program; 13 CSR 35-32.040; 6/3/13, 10/1/13

health care; 13 CSR 35-71.075; 1/15/14

hearings and judicial review; 13 CSR 35-71.035; 1/15/14

organization and administration; 13 CSR 35-71.040; 1/15/14

personnel; 13 CSR 35-71.045; 1/15/14

protection and care of the child; 13 CSR 35-71.070; 1/15/14

record keeping; 13 CSR 35-71.090; 1/15/14

social services program; 13 CSR 35-71.060; 1/15/14

specialized standards for intensive residential treatment for children
and youth; 13 CSR 35-71.140; 1/15/14

specialized standards—residential treatment for children and youth;
13 CSR 35-71.130; 1/15/14

specific rules for basic care agencies providing care for infant, tod-
dler, or preschool age children (birth through age six); 13
CSR 35-71.100; 1/15/14

specific rules for residential treatment agencies for children and
youth providing maternity care; 13 CSR 35-71.120;
1/15/14

staff qualifications and requirements; 13 CSR 35-71.050; 1/15/14

CLEAN WATER COMMISSION

effluent regulations; 10 CSR 20-7.015; 6/17/13, 1/15/14

fees; 10 CSR 20-6.011; 10/1/13

water quality standards; 10 CSR 20-7.031; 6/17/13, 1/15/14

CONSERVATION, DEPARTMENT OF

bullfrogs and green frogs; 3 CSR 10-12.115; 11/1/13, 1/15/14

channel catfish, blue catfish, flathead catfish; 3 CSR 10-6.510; 3
CSR 10-6.510; 11/1/13, 1/15/14

commercial deer processing: permit, privileges, requirements; 3
CSR 10-10.744; 11/1/13, 1/15/14

commercialization; 3 CSR 10-10.705; 11/1/13, 1/15/14, 1/15/14
deer

firearms hunting season; 3 CSR 10-7.433; 11/1/13, 1/15/14

hunting seasons; general provisions; 3 CSR 10-7.431; 11/1/13,
1/15/14

dove hunting; 3 CSR 10-11.185; 11/1/13, 1/15/14

falconry; 3 CSR 10-9.442; 11/1/13, 1/15/14

fishery

daily and possession limits; 3 CSR 10-12.140; 11/1/13, 1/15/14
length limits; 3 CSR 10-12.145; 11/1/13, 1/15/14
methods; 3 CSR 10-12.135; 11/1/13, 1/15/14
methods and hours; 3 CSR 10-11.205; 11/1/13, 1/15/14
general prohibition: applications; 3 CSR 10-9.110; 11/1/13, 1/15/14
general provisions; 3 CSR 10-9.105; 11/1/13, 1/15/14
hunting
and trapping; 3 CSR 10-12.125; 11/1/13, 1/15/14
general provisions and seasons; 3 CSR 10-11.180; 11/1/13, 1/15/14
methods; 3 CSR 10-7.410; 11/1/13, 1/15/14
migratory game birds and waterfowl; seasons, limits; 3 CSR 10-7.440; 11/1/13, 1/15/14
monetary values established for fish and wildlife; 3 CSR 10-3.010; 11/1/13, 1/15/14
other fish; 3 CSR 10-6.550; 11/1/13, 1/15/14
owner may protect property; public safety; 3 CSR 10-4.130; 11/1/13, 1/15/14
quail hunting; 3 CSR 10-11.184; 11/1/13, 1/15/14
turkeys: seasons, methods, limits; 3 CSR 10-7.455; 1/15/14
trout permit; 3 CSR 10-5.430; 11/1/13, 1/15/14
use of boats and motors; 3 CSR 10-12.110; 11/1/13, 1/15/14
vehicles, bicycles, horses, and horseback riding; 3 CSR 10-11.130; 11/1/13, 1/15/14
white bass, yellow bass, striped bass; 3 CSR 10-6.545; 11/1/13, 1/15/14

COSMETOLOGY AND BARBER EXAMINERS, BOARD OF

crossover schools; 20 CSR 2085-13.070; 10/15/13, 1/15/14
general rules and application requirements for all schools; 20 CSR 2085-12.010; 10/15/13, 1/15/14
instructor renewal and inactive license requirements; 20 CSR 2085-8.070; 1/2/14
specific requirements for barber schools; 20 CSR 2085-12.020; 10/15/13, 1/15/14

ELECTIONS

initiative, referendum, new party and independent candidate petitions Missouri Voter Registration System option; 15 CSR 30-15.030; 9/16/13, 1/2/14
processing procedures for initiative, referendum, new party and independent candidate petitions; 15 CSR 30-15.020; 10/1/13, 1/15/14
signature verification procedures for initiative, referendum, new party and independent petitions; 15 CSR 30-15.010; 10/1/13, 1/15/14

ELEMENTARY AND SECONDARY EDUCATION, DEPARTMENT OF

administrative appeal procedure for applicants denied certification; 5 CSR 20-400.120; 1/15/14
administrative procedures for recertifying teachers whose certificates have been revoked by a certifying authority other than the state board of education; 5 CSR 20-400.140; 1/15/14
administrative procedures for recertifying teachers whose certificates have been revoked by the state board of education; 5 CSR 20-400.130; 1/15/14
application for certificate of license to teach; 5 CSR 20-400.500; 12/2/13
approval of eligible employees; 5 CSR 20-300.190; 10/1/13
certification requirements for teacher of
adult education and literacy; 5 CSR 20-400.700; 12/2/13
career continuous administrator certificate; 5 CSR 20-400.630; 12/2/13
career continuous career education certificate; 5 CSR 20-400.690; 12/2/13

career continuous student services certificate; 5 CSR 20-400.650; 12/2/13
career education (postsecondary) certificates; 5 CSR 20-400.670; 12/2/13
career education (secondary) certificates; 5 CSR 20-400.660; 12/2/13
career education (secondary/postsecondary) certificates; 5 CSR 20-400.680; 12/2/13
early childhood education (birth-pre-kindergarten); 5 CSR 20-400.510; 12/2/13
elementary education (grades K-6); 5 CSR 20-400.520; 12/2/13
English for speakers of other languages (grades K-12); 5 CSR 20-400.570; 12/2/13
gifted education (grades K-12); 5 CSR 20-400.580; 12/2/13
initial administrator certificate; 5 CSR 20-400.610; 12/2/13
initial student services certificate; 5 CSR 20-400.640; 12/2/13
K-12 education; 5 CSR 20-400.550; 12/2/13
mathematics specialists (grades 1-6); 5 CSR 20-400.590; 12/2/13
middle school education (grades 5-9); 5 CSR 20-400.530; 12/2/13
secondary education (grades 9-12); 5 CSR 20-400.540; 12/2/13
special education; 5 CSR 20-400.560; 12/2/13
special reading (grades K-12); 5 CSR 20-400.600; 12/2/13
transition administrator certificate; 5 CSR 20-400.620; 12/2/13
charter school closure; 5 CSR 20-100.265; 11/1/13
definitions; 5 CSR 20-500.120; 11/1/13
disbursement of funds; 5 CSR 20-300.200; 10/1/13
districts effectively evaluating educators; 5 CSR 20-400.375; 6/3/13, 12/2/13
eligibility for scholarships; 5 CSR 10-2.030; 12/2/13
establishment of sheltered workshops; 5 CSR 20-300.160; 10/1/13
general department organization; 5 CSR 10-1.010; 10/1/13
Missouri school improvement program; 5 CSR 20-100.170; 12/2/13
operation of extended employment sheltered workshops; 5 CSR 20-300.170; 10/1/13
physical fitness challenge/assessment "Cade's Law"; 5 CSR 20-200.290; 11/1/13
rebuild Missouri schools program; 5 CSR 30-640.100; 10/1/13
renewal or revocation of a certificate of authority; 5 CSR 20-300.180; 10/1/13
scholarship granting organizations; 5 CSR 10-2.010; 12/2/13
scholarships; 5 CSR 10-2.020; 12/2/13
training of school employees in the care needed for students with diabetes; 5 CSR 20-200.300; 11/1/13

ENERGY, DIVISION OF

definitions and general provisions; 10 CSR 140-5.010; 7/1/13, 10/15/13

EXAMINERS FOR HEARING INSTRUMENT SPECIALISTS, BOARD OF

fees; 20 CSR 2165-1.020; 10/15/13, 1/15/14
licensure by examination; 20 CSR 2165-2.030; 10/15/13, 1/15/14

EXECUTIVE ORDERS

advises that state offices will be closed on November 29, 2013; 13-13; 11/15/13
orders the Missouri Department of Revenue to follow sections 143.031.1 and 143.091, RSMo, and require all taxpayers who properly file a joint federal income tax return to file a combined state income tax return; 13-14; 12/16/13

FAMILY SUPPORT DIVISION

child support program, general administration
state directory of new hires; 13 CSR 40-100.040; 10/15/13, 1/15/14

community programs
 formula for the distribution of community service block grant funds to community action agencies; 13 CSR 40-24.080; 12/2/13
 supplemental funding formula for community action agencies to administer the CSBG program; 13 CSR 40-24.090; 12/2/13
 use of community service block grant discretionary funds; 13 CSR 40-24.100; 12/2/13

family healthcare
 application procedure for family MO HealthNet programs and Children's Health Insurance program (CHIP); 13 CSR 40-7.015; 9/3/13, 1/2/14
 calculation of modified adjusted gross income (MAGI); 13 CSR 40-7.030; 9/3/13, 1/2/14
 household composition; 13 CSR 40-7.020; 9/3/13, 1/2/14
 scope and definition; 13 CSR 40-7.010; 9/3/13, 1/2/14
 verification procedures; 13 CSR 40-7.040; 9/3/13, 1/2/14

income maintenance
 general application procedures; 13 CSR 40-2.010; 9/3/13, 1/2/14

FINANCE, DIVISION OF

operations and supervision of residential mortgage loan brokers; 20 CSR 1140-30.240; 10/15/13

GAMING COMMISSION, MISSOURI

access to areas of class B licensee facilities; 11 CSR 45-7.170; 1/15/14
 affiliate supplier's license; 11 CSR 45-4.205; 1/15/14
 application for class A or class B license; 11 CSR 45-4.030; 1/15/14
 application period and fees for a class A and class B license; 11 CSR 45-4.055 1/15/14
 identification badge requirements; 11 CSR 45-4.410; 1/15/14
 licensee performance of duties; 11 CSR 45-4.400; 1/15/14
 licensee's and applicant's duty to disclose changes in information; 11 CSR 45-10.020; 1/15/14
 license renewal and continuing suitability requirement; 11 CSR 45-4.190; 1/15/14
 licenses, restrictions on licenses, licensing authority for the executive director, and other definitions; 11 CSR 45-4.020; 1/15/14
 minimum internal control standards (MICS)
 chapter F; 11 CSR 45-9.106; 6/3/13, 11/1/13
 chapter J; 11 CSR 45-9.110; 6/3/13, 11/1/13
 chapter K; 11 CSR 45-9.111; 12/2/13
 chapter M; 11 CSR 45-9.113; 1/15/14
 chapter R; 11 CSR 45-9.118; 6/3/13, 11/1/13, 1/15/14
 chapter S; 11 CSR 45-9.119; 12/2/13
 occupational and key person/key business entity license application and annual fees; 11 CSR 45-4.380; 1/15/14
 occupational license; 11 CSR 45-4.420; 1/15/14
 occupational license renewal; 11 CSR 45-4.390; 1/15/14
 occupational licenses for class A, class B, and suppliers; 11 CSR 45-4.260; 1/15/14
 requests for hearings; 11 CSR 45-13.030; 1/15/14
 types of licenses; 11 CSR 45-4.010; 1/15/14
 shipping of electronic gaming devices, gaming equipment, or supplies; 11 CSR 45-5.237; 12/2/13
 supplier's license; 11 CSR 45-4.200; 1/15/14

GEOLOGIST REGISTRATION, MISSOURI BOARD OF

educational requirements; 20 CSR 2145-2.020; 7/1/13, 12/2/13
 fees; 20 CSR 2145-1.040; 7/1/13, 12/2/13
 post-baccalaureate experience in geology; 20 CSR 2145-2.030; 7/1/13, 12/2/13
 renewal of license; 20 CSR 2145-2.080; 7/1/13, 12/2/13
 temporary courtesy license; 20 CSR 2145-2.065; 7/1/13, 12/2/13

GEOLOGY AND LAND SURVEY, DIVISION OF

heat pump
 certification and registration of heat pump systems; 10 CSR 23-5.020; 7/1/13, 11/15/13

closed-loop heat pump systems that use refrigerants as the heat transfer fluid; 10 CSR 23-5.070; 7/1/13, 11/15/13
 construction standards for
 closed-loop heat pump wells; 10 CSR 23-5.050; 7/1/13, 11/15/13
 open-loop heat pump systems that use groundwater; 10 CSR 23-5.060; 7/1/13, 11/15/13
 definitions; 10 CSR 23-5.010; 7/1/13, 11/15/13
 general protection of groundwater quality and resources; 10 CSR 23-5.030; 7/1/13, 11/15/13
 location of heat pump wells; 10 CSR 23-5.040; 7/1/13, 11/15/13
 plugging of heat pump wells; 10 CSR 23-5.080; 7/1/13, 11/15/13

HEALTH AND SENIOR SERVICES

regulation and licensure
 environmental waste management and support services; 19 CSR 30-20.114; 7/15/13, 12/16/13
 home-care services in hospitals; 19 CSR 30-20.122; 7/15/13, 12/16/13
 medical services; 19 CSR 30-20.124; 7/15/13, 12/16/13
 orientation and continuing education; 19 CSR 30-20.110; 7/15/13, 12/16/13
 outpatient services in hospitals; 19 CSR 30-20.118; 7/15/13, 12/16/13
 pathology and medical laboratory services; 19 CSR 30-20.098; 7/15/13, 12/16/13
 quality assessment and performance improvement program; 19 CSR 30-20.112; 7/15/13, 12/16/13
 variance requests; 19 CSR 30-20.142; 7/15/13, 12/16/13

state public health laboratory
 approved breath analyzers; 19 CSR 25-30.050; 10/15/13, 1/15/14
 breath analyzer calibration and accuracy verification standards; 19 CSR 25-30.051; 10/15/13, 1/15/14
 operating procedures for breath analyzers; 19 CSR 25-30.060; 10/15/13, 1/15/14
 type II permit; 19 CSR 25-30.031; 10/15/13, 1/15/14

HIGHWAYS AND TRANSPORTATION COMMISSION, MISSOURI

outdoor advertising
 administrative review of notices to remove outdoor advertising and to terminate nonconforming signs; 7 CSR 10-6.090; 11/15/13
 cutting and trimming of vegetation on right-of-way; 7 CSR 10-6.085; 11/15/13
 definitions; 7 CSR 10-6.015; 11/15/13
 directional and other official signs; 7 CSR 10-6.020; 11/15/13
 nonconforming signs; 7 CSR 10-6.060; 11/15/13
 on-premises signs; 7 CSR 10-6.030; 11/15/13

outdoor advertising
 beyond six hundred sixty feet of the right-of-way; 7 CSR 10-6.050; 11/15/13
 in zoned and unzoned commercial and industrial areas; 7 CSR 10-6.040; 11/15/13
 permits for outdoor advertising; 7 CSR 10-6.070; 11/15/13
 public information; 7 CSR 10-6.010; 11/15/13
 removal of outdoor advertising without compensation; 7 CSR 10-6.080; 11/15/13

INSURANCE

applied behavior analysis maximum benefit; 20 CSR; 3/1/13
 construction claims binding arbitration cap; 20 CSR; 1/2/14
 continuing education for individual navigators; 20 CSR 400-11.120; 11/1/13
 credit for reinsurance; 20 CSR 200-2.100; 11/1/13
 mental health services allowed out-of-network; 20 CSR 400-2.160; 10/1/13, 1/15/14

Missouri health insurance pool transitional plan of operations; 20 CSR 400-12.100; 11/1/13
Missouri life and health insurance guaranty association; 20 CSR 400-5.600; 11/15/13
navigator examination and licensing procedures and standards; 20 CSR 400-11.100; 9/3/13, 12/16/13
sovereign immunity limits; 20 CSR; 1/2/14
state legal expense fund; 20 CSR; 1/2/14

INTERPRETERS, STATE COMMITTEE OF

application for licensure; 20 CSR 2232-2.010; 9/3/13, 12/16/13
application for temporary licensure; 20 CSR 2232-2.020; 9/3/13, 12/16/13
fees; 20 CSR 2232-1.040; 9/3/13, 12/16/13
name and address change, license renewal, and inactive license; 20 CSR 2232-2.030; 9/3/13, 12/16/13

LABOR AND INDUSTRIAL RELATIONS, DEPARTMENT OF

employment security
appeals to an appeals tribunal; 8 CSR 10-5.010; 7/1/13, 10/15/13
charging of benefits to reimbursable employers; 8 CSR 10-3.085; 11/15/13
fraud penalties on federal and state benefits; 8 CSR 10-3.150; 10/1/13, 1/15/14
prohibition on the non-charging of benefits; 8 CSR 10-4.210; 10/1/13, 1/15/14
records and reports; 8 CSR 10-4.020; 10/1/13, 1/15/14
workers' compensation
resolution of medical fee disputes; 8 CSR 50-2.030; 12/16/13

LAND RECLAMATION COMMISSION

penalty assessment; 10 CSR 40-8.040; 8/15/13, 12/2/13
permanent program inspection and enforcement; 10 CSR 40-8.030; 8/15/13, 12/2/13
review, public participation, and approval of permit applications and permit terms and conditions; 10 CSR 40-6.070; 8/15/13, 12/2/13
surface mining permit applications—minimum requirements for legal, financial, compliance, and related information; 10 CSR 40-6.030; 8/15/13, 12/2/13
underground mining permit applications—minimum requirements for legal, financial, compliance, and related information; 10 CSR 40-6.100; 8/15/13, 12/2/13

MEDICAID AUDIT AND COMPLIANCE, MISSOURI

definitions; 13 CSR 65-2.010; 1/15/14
denial or limitations of applying provider; 13 CSR 65-2.030; 1/15/14
provider enrollment and application; 13 CSR 65-2.020; 1/15/14

MISSOURI CONSOLIDATED HEALTH CARE PLAN

additional plan options
22 CSR 10-2.130; 9/3/13, 12/16/13
22 CSR 10-3.130; 9/3/13, 12/16/13
contributions; 22 CSR 10-2.030; 1/2/14
coordination of benefits; 22 CSR 10-2.070; 1/2/14
definitions
22 CSR 10-2.010; 1/2/14
22 CSR 10-3.010; 1/2/14
general foster parent membership provisions; 22 CSR 10-2.110; 1/2/14
general membership provisions
22 CSR 10-2.020; 1/2/14
22 CSR 10-3.020; 1/2/14
general organization; 22 CSR 10-1.010; 1/2/14
limitations

PPO 300 plan, PPO 600 plan, and HDHP; 22 CSR 10-2.060; 1/2/14
PPO 600 Plan, PPO 1000 Plan, and HDHP; 22 CSR 10-3.060; 1/2/14
pharmacy benefit summary
22 CSR 10-2.090; 1/2/14
22 CSR 10-3.090; 1/2/14
pharmacy employer group waiver plan for medicare primary members; 22 CSR 10-2.089; 1/2/14
plan benefit provisions and covered charges
high deductible health plan
22 CSR 10-2.053; 1/2/14
22 CSR 10-3.055; 1/2/14
medicare supplement; 22 CSR 10-2.054; 1/2/14
medical
22 CSR 10-2.055; 1/2/14
22 CSR 10-3.057; 1/2/14
PPO 300; 22 CSR 10-2.051; 1/2/14
PPO 600
22 CSR 10-2.052; 1/2/14
22 CSR 10-3.056; 1/2/14
PPO 1000; 22 CSR 10-3.053; 1/2/14
PPO 2000; 22 CSR 10-3.054; 1/2/14
plan utilization review policy
22 CSR 10-2.045; 1/2/14
22 CSR 10-3.045; 1/2/14
public records; 22 CSR 10-1.020; 1/2/14
review and appeals procedure
22 CSR 10-2.075; 1/2/14
22 CSR 10-3.075; 1/2/14
tobacco-free incentive provisions and limitations; 22 CSR 10-2.094; 10/1/13
wellness center provisions, charges, and services; 22 CSR 10-2.140; 1/2/14
wellness program; 22 CSR 10-2.120; 10/1/13

MO HEALTHNET

ambulance service reimbursement allowance; 13 CSR 70-3.200; 11/15/13
behavioral health services program documentation; 13 CSR 70-98.015; 11/1/13
department is the payer of last resort, department's lien for recovery, participant's duty of cooperation; 13 CSR 70-4.120; 11/1/13
drug prior authorization process; 13 CSR 70-20.200; 11/1/13
durable medical equipment program; 13 CSR 70-60.010; 11/1/13
federal reimbursement allowance (FRA); 13 CSR 70-15.110; 8/1/13, 12/2/13
global per diem adjustments to nursing facility and HIV nursing facility reimbursement rates; 13 CSR 70-10.016; 12/2/13
hearing aid program; 13 CSR 70-45.010; 11/15/13
hospice services program; 13 CSR 70-50.010; 11/1/13
inpatient hospital services reimbursement plan; outpatient hospital services reimbursement methodology; 13 CSR 70-15.010; 8/1/13, 12/2/13
limitations on payment for inpatient hospital care; 13 CSR 70-15.030; 10/15/13
list of excludable drugs
excluded from coverage under the MO HealthNet pharmacy program; 13 CSR 70-20.032; 10/15/13
for which prior authorization is required; 13 CSR 70-20.031; 10/15/13
MO HealthNet (Medicaid) payment for certain services furnished by certain physicians in calendar years 2013 and 2014; 13 CSR 70-25.120; 11/15/13

multiple source drugs for which there exists a federal upper limit on reimbursement; 13 CSR 70-20.071; 11/1/13

optical benefits and limitations—MO HealthNet Program; 13 CSR 70-40.010; 11/15/13

prior authorization of new drug entities or new drug dosage form; 13 CSR 70-20.250; 10/15/13

prior authorization process for non-pharmaceutical behavioral health services; 13 CSR 70-98.020; 11/15/13

professional dispensing fee; 13 CSR 70-20.060; 11/1/13

prospective drug use review process and patient counseling; 13 CSR 70-20.310; 10/15/13

prospective outpatient hospital services reimbursement methodology; 13 CSR 70-15.160; 8/1/13, 12/2/13

prospective reimbursement plan for nonstate-operated facilities for ICF/MR services; 13 CSR 70-10.030; 1/15/14

prospective reimbursement plan for nursing facility services; 13 CSR 70-10.015; 8/1/13, 12/2/13

public/private long-term care services and supports partnership supplemental payment to nursing facilities; 13 CSR 70-10.160; 8/1/13, 10/1/13, 12/2/13

retrospective drug use review process; 13 CSR 70-20.300; 10/15/13

return of drugs; 13 CSR 70-20.050; 10/15/13

sanctions for false or fraudulent claims for MO HealthNet services; 13 CSR 70-3.030; 10/15/13

therapy program; 13 CSR 70-70.010; 11/1/13

MOTOR CARRIER AND RAILROAD SAFETY

application for a self-insurer status; 7 CSR 265-10.035; 6/17/13, 11/15/13

application requirements for the issuance and transfer of intrastate motor carrier authority; 7 CSR 265-10.015; 6/17/13, 11/15/13

classification of common carriers by services performed; 7 CSR 265-10.070; 6/17/13, 11/15/13

complaints; 7 CSR 265-10.130; 6/17/13, 11/15/13

definitions; 7 CSR 265-10.010; 6/17/13, 11/15/13

discontinuance of service; suspension and revocation of certificates, permits, and property carrier registrations; 7 CSR 265-10.140; 6/17/13, 11/15/13

household goods tariffs; 7 CSR 265-10.120; 6/17/13, 11/15/13

inspection of books, records, property, equipment, and roadside stops by division personnel; 7 CSR 265-10.060; 6/17/13, 11/15/13

insurance; 7 CSR 265-10.030; 6/17/13, 11/15/13

joint service and interlining by passenger or household goods carriers; 7 CSR 265-10.110; 6/17/13, 11/15/13

licensing of vehicles; 7 CSR 265-10.020; 6/17/13, 11/15/13

marking of vehicles; 7 CSR 265-10.025; 6/17/13, 11/15/13

merger of duplicated or overlapping motor carrier operating authority; 7 CSR 265-10.090; 6/17/13, 11/15/13

motor vehicle leasing; 7 CSR 265-10.040; 6/17/13, 11/15/13

passenger service requirement; 7 CSR 265-10.045; 6/17/13, 11/15/13

passenger tariffs; 7 CSR 265-10.055; 6/17/13, 11/15/13

regulation of advertising by motor carriers; 7 CSR 265-10.100; 6/17/13, 11/15/13

rules governing the transportation of household goods; 7 CSR 265-10.080; 6/17/13, 11/15/13

tariffs, time schedules, and motor carrier documentation; 7 CSR 265-10.050; 6/17/13, 11/15/13

MOTOR CARRIERS

application for a self-insurer status; 4 CSR 265-2.068; 6/17/13, 11/15/13

discontinuance of service; suspension and revocation of certificates, and permits; 4 CSR 265-2.180; 6/17/13, 11/15/13

merger of duplicated or overlapping motor carrier operating authority; 4 CSR 265-2.190; 6/17/13, 11/15/13

passenger tariffs; 4 CSR 265-6.010; 6/17/13, 11/15/13

uniform system of account for Class I motor carriers of passengers; 4 CSR 265-12.030; 6/17/13, 11/15/13

uniform systems of accounts for Class B motor carriers of household goods and passengers; 4 CSR 265-12.020; 6/17/13, 11/15/13

MOTOR VEHICLE

optional second plate for commercial motor vehicles; 12 CSR 10-23.500; 10/1/13, 1/2/14

NURSING, STATE BOARD OF

general organization; 20 CSR 2200-1.010; 10/15/13, 1/15/14

public complaint handling and disposition procedure; 20 CSR 2200-4.030; 10/1/13, 1/15/14

requirements for licensure; 20 CSR 2200-4.020; 10/15/13, 1/15/14

OCCUPATIONAL THERAPY, MISSOURI BOARD OF

application for limited permit; 20 CSR 2205-3.030; 8/15/13, 12/2/13

OPTOMETRY, STATE BOARD OF

license renewal; 20 CSR 2210-2.030; 1/2/14

PEACE OFFICER STANDARDS AND TRAINING PROGRAM

minimum continuing education training standards for school protection officers; 11 CSR 75-17.040; 10/1/13, 1/2/14

minimum training standards for school protection officers; 11 CSR 75-17.030; 10/1/13, 1/2/14

minimum training standards for school protection officer training centers; 11 CSR 75-17.010; 10/1/13, 1/2/14

minimum training standards for school protection officer training instructors; 11 CSR 75-17.020; 10/1/13, 1/2/14

PETROLEUM AND HAZARDOUS SUBSTANCE STORAGE TANKS

assessing the site at closure or change in service; 10 CSR 26-2.062; 7/15/13, 1/2/14

corrective action plan; 10 CSR 26-2.082; 7/15/13, 1/2/14

investigations for soil and groundwater cleanup; 10 CSR 26-2.078; 7/15/13, 1/2/14

PHARMACY, STATE BOARD OF

automated filling systems; 20 CSR 2220-2.950; 8/1/13, 12/2/13

PRIVATE INVESTIGATOR AND PRIVATE FIRE INVESTIGATOR EXAMINERS, BOARD OF

application for licensure

- agency; 20 CSR 2234-3.010; 10/15/13
- agency employee; 20 CSR 2234-3.040; 10/15/13
- private fire investigator; 20 CSR 2234-2.015; 10/15/13
- private investigator; 20 CSR 2234-2.010; 10/15/13

change of name, ownership, location, or investigator-in-charge; 20 CSR 2234-3.020; 10/15/13

code of conduct; 20 CSR 2234-7.010; 10/15/13

complaint handling and disposition; 20 CSR 2234-1.040; 10/15/13

continuing education; 20 CSR 2234-6.010; 10/15/13

definitions; 20 CSR 2234-1.010; 10/15/13

fees; 20 CSR 2234-1.050; 10/15/13

general organization; 20 CSR 2234-1.020; 10/15/13

licensure renewal

- 20 CSR 2234-2.040; 10/15/13
- 20 CSR 2234-3.030; 10/15/13
- licensed agency investigator employees and agency fire investigator employees; 20 CSR 2234-3.070; 10/15/13

name and address changes; 20 CSR 2234-2.020; 10/15/13
policy for release of public records; 20 CSR 2234-1.030; 10/15/13
private investigator trainee
application for license; 20 CSR 2234-4.010; 10/15/13
licensure renewal; 20 CSR 2234-4.050; 10/15/13
name and address changes; 20 CSR 2234-4.030; 10/15/13
replacement of renewal license; 20 CSR 2234-4.040; 10/15/13
trainer responsibilities; 20 CSR 2234-4.020; 10/15/13
replacement of renewal license; 20 CSR 2234-2.030; 10/15/13

PROBATION AND PAROLE, STATE BOARD OF

definitions for intervention fees; 14 CSR 80-5.010; 12/2/13
intervention fee procedure; 14 CSR 80-5.020; 12/2/13

PROFESSIONAL REGISTRATION, DIVISION OF

designation of license renewal dates and related renewal information; 20 CSR 2231-2.010; 10/15/13, 1/15/14

PSYCHOLOGISTS, STATE COMMITTEE OF

application for
licensure; 20 CSR 2235-1.030; 7/15/13, 12/2/13
provisional licensure; 20 CSR 2235-1.025; 7/15/13, 12/2/13
temporary licensure; 20 CSR 2235-1.026; 7/15/13, 12/2/13
fees; 20 CSR 2235-1.020; 7/15/13, 12/2/13
licensure by
endorsement of written EPPP examination score; 20 CSR 2235-2.065; 7/15/13, 12/2/13
examination; 20 CSR 2235-2.060; 7/15/13, 12/2/13

PUBLIC SAFETY, DEPARTMENT OF

director, office of
approval of accrediting organizations for crime laboratories; 11 CSR 30-14.010; 2/1/13, 9/16/13, 1/2/14
format for concealed carry permits; 11 CSR 30-15.010; 9/3/13, 1/2/14

PUBLIC SERVICE COMMISSION

filing and reporting requirements
requirements for carrier designation as eligible telecommunications carriers; 4 CSR 240-3.570; 9/16/13
manufactured home installers
definitions; 4 CSR 240-125.010; 9/16/13
installation decals; 4 CSR 240-125.070; 9/16/13
manufactured home installer license; 4 CSR 240-125.040; 9/16/13
modular units
modular unit dealer/selling agent setup responsibilities; 4 CSR 240-123.065; 9/16/13
monthly report requirement for registered modular unit dealers; 4 CSR 240-123.070; 9/16/13
re-inspection fee; 4 CSR 240-123.095; 9/16/13
new manufactured homes
manufactured home dealer setup responsibilities; 4 CSR 240-120.065; 9/16/13
monthly report requirement for registered manufactured home dealers; 4 CSR 240-120.130; 9/16/13
re-inspection fee; 4 CSR 240-120.085; 9/16/13
safety standards
safety standards for electrical corporations, telecommunications companies and rural electric cooperatives; 4 CSR 240-18.010; 9/3/13, 1/2/14
service and billing practices for residential customers of electric, gas, sewer, and water utilities
billing adjustments; 4 CSR 240-13.025; 9/3/13
billing and payment standards; 4 CSR 240-13.020; 9/3/13
cold weather maintenance of service: provision of residential heat-related utility service during cold weather; 4 CSR 240-13.055; 9/3/13
commission complaint procedures; 4 CSR 240-13.070; 9/3/13

definitions; 4 CSR 240-13.015; 9/3/13
denial of service; 4 CSR 240-13.035; 9/3/13
deposits and guarantees of payment; 4 CSR 240-13.030; 9/3/13
discontinuance of service; 4 CSR 240-13.050; 9/3/13
disputes; 4 CSR 240-13.045; 9/3/13
general provisions; 4 CSR 240-13.010; 9/3/13
inquiries; 4 CSR 240-13.040; 9/3/13
settlement agreement and payment agreement; 4 CSR 240-13.060; 9/3/13
universal service
applications for MoUSF funds; 4 CSR 240-31.080; 9/16/13
collection of MoUSF surcharge from end-user subscribers; 4 CSR 240-31.065; 9/16/13
definitions; 4 CSR 240-31.010; 9/16/13
disbursements of MoUSF funds; 4 CSR 240-31.090; 9/16/13
eligibility for funding
low-income customers and disabled customers; 4 CSR 240-31.050; 9/16/13
high cost areas; 4 CSR 240-31.040; 9/16/13
eligible telecommunications carrier requirements; 4 CSR 240-31.130; 9/16/13
lifeline program and disabled program; 4 CSR 240-31.120; 9/16/13
MoUSF assessment; 4 CSR 240-31.060; 9/16/13
MoUSFA; 4 CSR 240-31.030; 9/16/13
organization, powers, and meetings of the board; 4 CSR 240-31.020; 9/16/13
receipt of MoUSF funds; 4 CSR 240-31.070; 9/16/13
review of board and MoUSFA activities; 4 CSR 240-31.110; 9/16/13
review procedures for support payments; 4 CSR 240-31.100; 9/16/13
water utilities
environmental cost adjustment mechanism; 4 CSR 240-50.050; 9/16/13, 1/2/14

REAL ESTATE APPRAISERS

application for certification and licensure; 20 CSR 2245-3.010; 8/15/13, 12/2/13
case study courses; 20 CSR 2245-6.040; 8/15/13, 12/2/13
general organization; 20 CSR 2245-1.010; 8/15/13, 12/2/13
instructor approval; 20 CSR 2245-8.030; 8/15/13, 12/2/13
requirements; 20 CSR 2245-8.010; 8/15/13, 12/2/13
trainee real estate appraiser registration; 20 CSR 2245-3.005; 8/15/13, 12/2/13

RETIREMENT SYSTEMS

public school retirement system of Missouri, the
election to fill vacancy on board of trustees; 16 CSR 10-1.040; 8/1/13, 12/2/13
payment of funds to the retirement system; 16 CSR 10-3.010; 8/1/13, 12/2/13
requirements for membership; 16 CSR 10-4.005; 8/1/13, 12/2/13
service retirement
16 CSR 10-5.010; 8/1/13, 12/2/13
16 CSR 10-6.060; 8/1/13, 12/2/13
source of funds; 16 CSR 10-6.020; 8/1/13, 12/2/13

SECURITIES

application for registration; 15 CSR 30-52.015; 1/15/14
definitions; 15 CSR 30-50.010; 1/15/14
forms; 15 CSR 30-50.040; 1/15/14
general; 15 CSR 30-54.010; 1/15/14
NASAA statement of policy; 15 CSR 30-52.030; 1/15/14
not-for-profit securities; 15 CSR 30-54.070; 1/15/14
small company offering registration (formerly Missouri issuer registration); 15 CSR 30-52.275; 1/15/14
suggested form of investment letter; 15 CSR 30-54.150; 1/15/14

TAX

annual adjusted rate of interest; 12 CSR 10-41.010; 12/2/13
new apportionment method; 12 CSR 10-2.052; 11/1/13

TRAFFIC AND SAFETY DIVISION

approval procedures; 7 CSR 60-2.020; 10/15/13
breath alcohol ignition interlock device security; 7 CSR 60-2.050;
10/15/13
definitions; 7 CSR 60-2.010; 10/15/13
responsibilities of authorized service providers; 7 CSR 60-2.040;
10/15/13
standards and specifications; 7 CSR 60-2.030; 10/15/13
suspension, or revocation of approval of a device; 7 CSR 60-2.060;
10/15/13

UNIFORM COMMERCIAL CODE

definitions; 15 CSR 30-90.010; 10/1/13, 1/15/14
refusal to file; cancellation; defects in filing; 15 CSR 30-90.090;
10/1/13, 1/15/14
status of parties upon filing an information statement; 15 CSR 30-
90.170; 10/1/13, 1/15/14

VETERANS AFFAIRS

description of organization; 11 CSR 85-1.010; 7/15/13, 11/1/13
Missouri Veterans Homes program; 11 CSR 85-1.030; 7/15/13,
11/1/13
procedures for receiving information; 11 CSR 85-1.015; 7/15/13,
11/1/13
veterans services program; 11 CSR 85-1.020; 7/15/13, 11/1/13
Veterans Cemeteries Program; 11 CSR 85-1.050; 7/15/13, 11/1/13
Veterans Trust Fund; 11 CSR 85-1.040; 7/15/13, 11/1/13

To Subscribe to the *Missouri Register*

SALUS POPULI SUPREMA LEX ESTO

*"The welfare of the people shall be the
supreme law."*



JASON KANDER

SECRETARY OF STATE

MISSOURI
REGISTER

Contact us at: phone: (573) 751-4015 or email: rules@sos.mo.gov

ORDER FORM

- ☐ Enclosed is my check for \$56 as payment in advance for one year of the *Missouri Register*

Please start my subscription with the _____ issue.

Please make checks payable to: **Secretary of State** or alternatively call us to charge your credit card.

Mail to: JASON KANDER
SECRETARY OF STATE
ADMINISTRATIVE RULES DIVISION
PO Box 1767
JEFFERSON CITY, MO 65102

Name or Firm (Please Type or Print)

Attn:

Address

City

State

Zip Code

NEW TRANSMITTAL FORM AND CERTIFICATION LETTER

A new transmittal form and certification letter are available on our website forms page at <http://www.sos.mo.gov/adrules/forms.asp>.

The new transmittal form and certification letter have been updated to include the name of Secretary of State Jason Kander.

Please use these new forms for filing rulemakings.